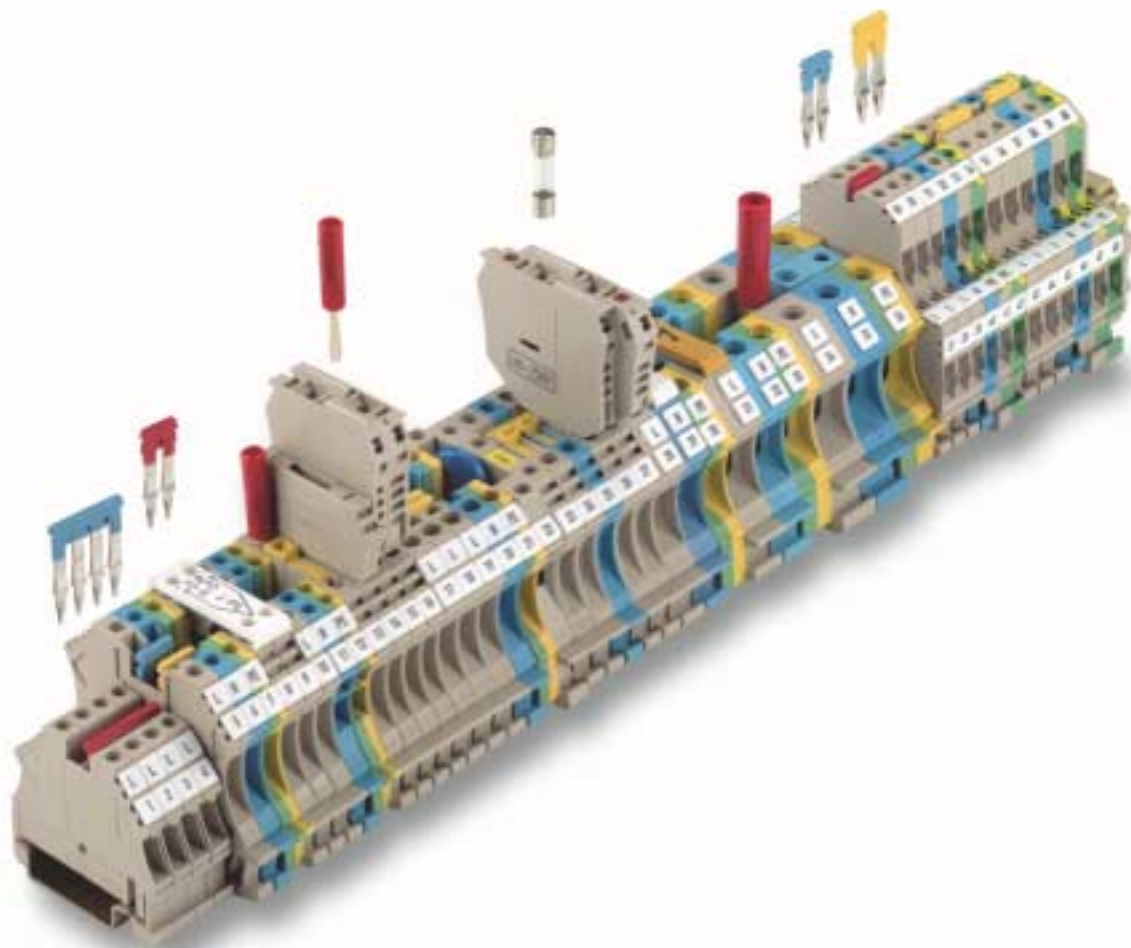


W-series



Weidmüller is the world wide market leader in terminal blocks. W-series constantly sets new standards. The systematics of W-series are on continuous bases improved:

- 1 same dimensions in a range from 2.5 – 35 mm², features a.o. disconnect and fuse functions
- 1 pluggable cross-connections for 75% of all applications

Patented Weidmüller clamping yoke



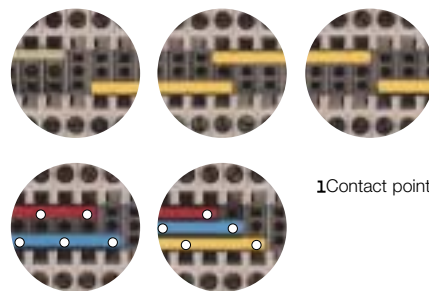
- 1 2 wires of same cross-section can be connected in EEx e
- 1 no ferrules necessary
- 1 large gas-tight contact – lowest voltage drop
- 1 highly flexible conductors connectable
- 1 high contact force
- 1 100 % vibration proof – maintenance-free under all operating conditions

WEMID insulation material



- 1 best tracking index – non-tracking CTI 600
- 1 temperature resistant up to 120 °C - no derating up to 75 °C ambient temperature
- 1 self-extinguishing – V0 according to UL 94
- 1 no harmful substances

Cross-connection with a system



1Contact point

40 % of all terminal blocks are cross-connected. Weidmüller offers the screw cross-connection system WQV and the pluggable cross-connection system ZQV. The cross-connection system ZQV can be used for 75% of all applications (feed-through and double-deck terminals 2.5 and 4 mm², test-disconnect and fuse terminals)

Cross connection system WQV ZQV

	WQV	ZQV
1 parallel routing of 2 potentials	✓	✓
1 parallel routing of 3 potentials		✓
1 no partition plates for adjacent cross-connections up to 400 V	✓	✓
1 the full rated current of the terminal can be conducted over all pole numbers	✓	✓
1 safe from finger-touch according to VDE 0106 part 100 (VGB 4)	✓	✓
1 colour coding		✓
1 pluggable and quick assembly and disassembly		✓
1 free choice between WQV and ZQV for WDU 2.5 and WDU 4	✓	✓
1 easy extension		✓
1 endless cross-connection can be easily cut to the required number of poles		✓

Continuous innovation



Differentiation with standard products:

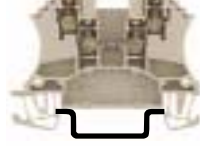
- 1 WDU 4 with new pluggable cross-connection (ZQV 4N)
- 1 new double-deck family WDK N:
 - compact design, only 60 mm length
 - same design for 2.5 mm² and 4 mm²
 - pluggable cross-connection
- 1 new test-disconnect terminal WTR 4:
 - compatible with SIHA fuseholder
 - pluggable cross-connection
- 1 new fuse terminal WTR 2.5 SI:
 - only 5 mm pitch

Feed-through terminal blocks

WDU 2.5N/ZQV WDU 2.5N



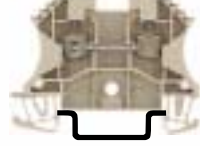
WDU 1.5/ZZ



WDU 2.5/1.5/ZR



WDU 2.5 WDU 2.5/10/BEZ



Max. technical data

Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6
VDE rated data, 0611 Part 1/8.92/IEC 60 947-7-1	
Rated voltage/rated current/rated cross-section	500 V/24 A/2.5 mm ²
Rated impulse voltage/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	0.4...0.6
Torque setting with DMS 2 electric screwdriver		1

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...2.5)
Max. clamping range in mm ² Gauge pin to IEC 60 947-1	Size	0.13...4 A 3
Continuous current rating	WQV/ZQV 2-5-pole	A 24/20
of cross-connection	WQV/ZQV 6-10-pole	A 24/20

UL/CSA rated data

Voltage/current/conductor size	UL	300 V/20 A/22...12 AWG
Voltage/current/conductor size	CSA	300 V/20 A/26...12 AWG

Ordering data

	Version	for ZQV	Qty.	for WQV	Qty.
	Beige Wemid	104080	100	102370	100
	Blue Wemid	104088	100	102378	100
	Orange PA			102376	100
	10-pole terminal block printed 1-9 Wemid			102490	10
	10-pole terminal block unprinted* Wemid			102480	10

End plate/partition

WAP (thickness 1.5 mm)	Beige Wemid	Type	Cat. No.	Qty.
	Blue Wemid	WAP-WDU 2.5N	106000	50
	Beige Wemid	WAP-WDU 2.5N	106008	50
	Blue Wemid	TW (1.5)	019186	20
	Frame WDK 2.5			

Cross-connection

WQV	WQB 8/24	Screen plug LS 2.8	2-pole	ZQV	Qty.	WQV	Qty.
			3-pole	169380	60	105366	50
			4-pole	169381	60	105376	50
			10-pole	169382	60	105386	50
			50-pole	169388	20	105446	20
				169389	10		
				WQB B/24	157906	20	

Notching tool WAW 1 for WQV

WTA	TA 1	WTA 1	Qty.	WTA 2	Qty.	WTA 2/ZZA	Qty.	WTA 2/10	Qty.	ZE 1	Qty.		
		WTA 1	163229	50	WTA 2	163232	50	WTA 2/10	163234	5	163215	50	
		WTA 1/ZZA	163230	50	WTA 2/ZZA	163233	50	WTA 2/10	163234	5	163215	50	
		WTA 1/10	163231	5	WTA 2/10	163234	5	WTA 2/10	163234	5	163215	50	
		Strain relief	ZE 1	163215	50	ZE 1	163215	50	ZE 1	163215	50	163215	50

Test plug/socket

PS 2.3	StB 8.5	PS 2.3 (ø 2.3)	018040	20	PS 2.3 (ø 2.3)	018040	20	PS 2.3 (ø 2.3)	018040	20	PS 2.3 (ø 2.3)	018040	20
		StB 8.5 (ø 2.3)	021570	50	StB 8.5 (ø 2.3)	021570	50	StB 8.5 (ø 2.3)	021570	50	StB 8.5 (ø 2.3)	021570	50

Cover

WAD with Symbol	WAD 4	107200	50	WAD 4	107200	50	WAD 5	105346	50
WAD white	WAD 4 white	107210	50	WAD 4 white	107210	50	WAD 5 white	105606	50

Group marking

T 5	WGB	T 5	034850	100	T 5	034850	100	T 5	034850	100	T 5	034850	100
-----	-----	-----	--------	-----	-----	--------	-----	-----	--------	-----	-----	--------	-----

Tag carrier

SF 10	033240	1000	SF 10	033240	1000	SF 10	033240	1000	SF 10	033240	1000
SG 10	033250	1000	SG 10	033250	1000	SG 10	033250	1000	SG 10	033250	1000

Marking tags

DEK	WS	Print	DEK 5	Qty.	DEK 5	Qty.	DEK 5	Qty.	DEK 5	Qty.	WS 12/5	Qty.	WS 12/5	Qty.		
DEK	Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	
DEK	Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	
WS	Blank	WS 12/5	160986	720	WS 12/5	160986	720	WS 12/5	160986	720	WS 12/5	160986	720	WS 12/5	160986	
DEK	WS	Printed	WS 12/5	144746	200	WS 12/5	144746	200	WS 12/5	144746	200	WS 12/5	144746	200	WS 12/5	144746

Mounting rails, end brackets, further marking material see section "Accessories"

* with unprinted dekafix marking strips

) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310

** Twin connection

WDK 2.5/ZQV
WDK 2.5
400 V



24 A/2.5 mm²
UL **CCC** **KEMA** **GOST LR** **DNV**
 5/69/63
 10 mm/M 2.5/3.5 x 0.6
 400 V/24 A/2.5 mm²
 6 kV/3

0.4...0.6
 1
 0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5)
 0.13...4 A 3
 32/20
 32/20

300 V/20 A/22...12 AWG
 300 V/10 A/26...12 AWG
 for ZQV Qty. for WQV Qty.
104110 100 **102150** 100
104118 100 **102158** 100
102156 100
102561 10 **102560** 10
102571 10 **102570** 10
 Type Cat. No. Qty.
 WAP **105910** 20
 WAP **105918** 20
 WTW **105880** 20

ZQV Qty. WQV Qty.
169380 60 **105366** 50
169381 60 **105376** 50
169382 60 **105386** 50
169388 20 **105446** 20
169389 10
 WQB A/24 **157900** 20
 LS 2.8 **105640** 50
 WAW 1 **900450** 1
 TA 1 **053586** 20

PS 2.3 (ø 2.3) **018040** 20
 StB 8.5 (ø 2.3) **021570** 50
 AD 3 **048540** 20x1m
 HP 3 **048576** 20
 WAD 4 **107200** 50
 WT 4 **134106** 100
 SF 10 **033240** 1000
 SG 10 **033250** 1000
 DEK 5 **047346** 500
 DEK 5 **047356** 500
 WS 8/5 **164074** 720
 WS 8/5 **158008** 200

WDK 2.5
800 V



24 A/2.5 mm²
KEMA **CCC** **GOST LR** **DNV**
 6/69/63
 10 mm/M 2.5/3.5 x 0.6
 800 V/24 A/2.5 mm²
 8 kV/3

0.4...0.6
 1
 0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5)
 0.13...4 A 3
 32/-
 32/-

300 V/20 A/22...12 AWG
 300 V/10 A/26...12 AWG
 Cat. No. Qty.
102910 100
102230 100
102238 100
 Type Cat. No. Qty.
 WAP **105910** 20
 WAP **105918** 20
 WTW **105880** 20

Q 2 **036900** 50
 Q 3 **036910** 50
 Q 4 **036920** 50
 Q 10 **036930** 20
 LS 2.8 **105640** 50
 TA 1 **053586** 20

PS 2.3 (ø 2.3) **018040** 20
 StB 8.5 (ø 2.3) **021570** 50
 AD 3 **048540** 20x1m
 HP 3 **048576** 20
 WAD 4 **107200** 50
 WT 4 **134106** 100
 SF 10 **033240** 1000
 SG 10 **033250** 1000
 DEK 5 **047346** 500
 DEK 5 **047356** 500
 WS 8/5 **164074** 720
 WS 8/5 **158008** 200

WDK 2.5 V



24 A/2.5 mm²
UL **CCC** **GOST LR** **CCC**
 5/69/63
 10 mm/M 2.5/3.5 x 0.6
 400 V/24 A/2.5 mm²
 6 kV/3

0.4...0.6
 1
 0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5)
 0.13...4 A 3
 32/-
 32/-

300 V/20 A/22...12 AWG
 300 V/10 A/26...12 AWG
 Cat. No. Qty.
102230 100
102238 100
 Type Cat. No. Qty.
 WAP **105910** 20
 WTW **105880** 20

WQV 2.5/2 **105366** 50
 WQV 2.5/3 **105376** 50
 WQV 2.5/4 **105386** 50
 WQV 2.5/10 **105446** 20
 WQB A/24 **157900** 20
 LS 2.8 **105640** 50
 WAW 1 **900450** 1
 TA 1 **053586** 20

PS 2.3 (ø 2.3) **018040** 20
 StB 8.5 (ø 2.3) **021570** 50
 AD 3 **048540** 20x1m
 HP 3 **048576** 20
 WAD 4 **107200** 50
 WT 4 **134106** 100
 SF 10 **033240** 1000
 SG 10 **033250** 1000
 DEK 5 **047346** 500
 DEK 5 **047356** 500
 WS 8/5 **164074** 720
 WS 8/5 **158008** 200

WDK 2.5 DU-PE



24 A/2.5 mm²/-/
UL **CCC** **GOST**
 5/69/63
 10 mm/M 2.5/3.5 x 0.6
 400 V/-/24 A/-/2.5 mm²
 6 kV/3

0.4...0.6
 1
 0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5)
 0.13...4 A 3
 32/-
 32/-

300 V/20 A/22...12 AWG
 300 V/10 A/26...12 AWG
 Cat. No. Qty.
103640 100
102310 100
 Lower connection range
 marked green-yellow
 Type Cat. No. Qty.
 WAP **105910** 20
 WTW **105880** 20

WQV 2.5/2 **105366** 50
 WQV 2.5/3 **105376** 50
 WQV 2.5/4 **105386** 50
 WQV 2.5/10 **105446** 20
 WQB A/24 **157900** 20
 LS 2.8 **105640** 50
 WAW 1 **900450** 1
 TA 1 **053586** 20

PS 2.3 (ø 2.3) **018040** 20
 StB 8.5 (ø 2.3) **021570** 50
 AD 3 **048540** 20x1m
 HP 3 **048576** 20
 WAD 4 **107200** 50
 WT 4 **134106** 100
 SF 10 **033240** 1000
 SG 10 **033250** 1000
 DEK 5 **047346** 500
 DEK 5 **047356** 500
 WS 8/5 **164074** 720
 WS 8/5 **158008** 200

WDK 2.5 E
WDK 2.5 E GET.SCH.
Terminal blocks for electrical components



Terminal blocks with electrical components see page 46

-/2.5 mm²
UL
 5/69/63
 10 mm/M 2.5/3.5 x 0.6
 -/-/2.5 mm²

0.4...0.6
 1
 0.5...4
 1.5...4
 0.5...2.5
 0.5...2.5
 0.5...2.5)
 0.13...4 A 3
 -
 -

300 V/20 A/22...12 AWG
 Cat. No. Qty.
102320 100
102310 100
 (Beige Wernid with divided current bar below)
 Type Cat. No. Qty.
 WAP **105910** 20
 WAP **105918** 20
 WTW **105880** 20

Frame (5 mm) **107400** 20
 WQV 2.5/2 **105366** 50
 WQV 2.5/3 **105376** 50
 WQV 2.5/4 **105386** 50
 WQV 2.5/10 **105446** 20
 WQB A/24 **157900** 20
 LS 2.8 **105640** 50
 WAW 1 **900450** 1
 TA 1 **053586** 20

PS 2.3 (ø 2.3) **018040** 20
 StB 8.5 (ø 2.3) **021570** 50
 AD 3 **048540** 20x1m
 HP 3 **048576** 20
 WAD 4 **107200** 50
 WT 4 **134106** 100
 SF 10 **033240** 1000
 SG 10 **033250** 1000
 DEK 5 **047346** 500
 DEK 5 **047356** 500
 WS 8/5 **164074** 720
 WS 8/5 **158008** 200

Feed-through terminal blocks

WDK 2.5N



WDK 2.5N V



WDK 2.5N DU-PE



WDK 4N



Max. technical data

Dimensions / Approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

VDE rated data 0611, Part 1/8.92/IEC 60 947-1

Rated voltage/rated current/rated cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Solid H07V-K mm²

Flexible H07V-K and ferrule according to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. Clamping Range in mm³ Gauge pin to IEC 60 947-1 Size

Continuous current rating WQV/ZQV 2-5-pole A

of cross-connection WQV/ZQV 6-10-pole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Beige Wemid

Blue Wemid

Orange PA

10-pole terminal block printed 1-9 Wemid

10-pole terminal block unprinted* Wemid

End plate/partition

WAP (thickness 1.5 mm) Beige Wemid

Blue Wemid

WTW Beige Wemid

Cross-connection

WQV WQB 8/24 Screen lug LS 2.8 2-pole

3-pole

4-pole

5-pole

6-pole

7-pole

8-pole

9-pole

10-pole

41-pole/50-pole

LS 2.8

WQB

Notching tool WAW 1 for WQV

Test adapter

WTA TA 1

Strain relief

Test plug/socket

PS 2.3 STB 8.5

Cover

WAD with Symbol

WAD white

Marking tags

Print

DEK Consecutive horizontal

DEK Consecutive vertical

WS Blank

DEK WS Printed

WS WS

WS WS

Mounting rails, end brackets, further marking material see section "Accessories"

5/60/62 5/60/62 5/60/62 5/60/62

8 mm/M 2.5/3.5 x 0.6 8 mm/M 2.5/3.5 x 0.6 8 mm/M 2.5/3.5 x 0.6 8 mm/M 3/3.5 x 0.6

800 V/24 A/2.5 mm² 800 V/24 A/2.5 mm² 800 V/24 A/2.5 mm² 800 V/32 A/4 mm²

8 kV/3 8 kV/3 8 kV/3 8 kV/3

0.4...0.6 0.4...0.6 0.4...0.6 0.5...1.0

1 1 1 2

0.5...4 0.5...4 0.5...4 0.5...6

1.5...4 1.5...4 1.5...4 1.5...6

0.5...4 0.5...4 0.5...2.5 0.5...4

0.5...2.5 0.5...2.5 0.5...2.5 0.5...4

0.5...2.5 0.5...2.5 0.5...2.5 0.5...4

0.13...4 A 3 0.13...4 A 3 0.13...4 A 3 0.13...6 A 4

-/24 -/24 -/24 -/32

-/24 -/24 -/24 -/32

600 V/20 A/26...12 AWG* 600 V/20 A/26...12 AWG* 600 V/20 A/26...12 AWG* 600 V/35 A/26...10 AWG*

600 V/20 A/26...12 AWG* 600 V/20 A/26...12 AWG* 600 V/20 A/26...12 AWG* 600 V/35 A/26...10 AWG*

Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty.

104160 0000 100 104161 0000 100 104165 0000 100 104190 0000 100

104168 0000 100 104166 0000 100 104198 0000 100 104196 0000 100

104170 0000 10 104170 0000 10 104200 0000 10 104200 0000 10

104180 0000 10 104180 0000 10 104210 0000 10 104210 0000 10

Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty.

108400 0000 20 WAP 108400 0000 20 WAP 108400 0000 20 WAP 108400 0000 20

WAP BL 108408 0000 20 WAP BL 108408 0000 20 WAP BL 108408 0000 20 WAP BL 108408 0000 20

WTW 105880 20 WTW 105880 20 WTW 105880 20 WTW 105880 20

Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty. Type Cat. No. Qty.

ZQV 2.5N/2 169380 60 ZQV 2.5N/2 169380 60 ZQV 2.5N/2 169380 60 ZQV 4N/2 175825 60

ZQV 2.5N/3 169381 60 ZQV 2.5N/3 169381 60 ZQV 2.5N/3 169381 60 ZQV 4N/3 176263 60

ZQV 2.5N/4 169382 60 ZQV 2.5N/4 169382 60 ZQV 2.5N/4 169382 60 ZQV 4N/4 176262 60

ZQV 2.5N/5 169383 20 ZQV 2.5N/5 169383 20 ZQV 2.5N/5 169383 20

ZQV 2.5N/6 169384 20 ZQV 2.5N/6 169384 20 ZQV 2.5N/6 169384 20

ZQV 2.5N/7 169385 20 ZQV 2.5N/7 169385 20 ZQV 2.5N/7 169385 20

ZQV 2.5N/8 169386 20 ZQV 2.5N/8 169386 20 ZQV 2.5N/8 169386 20

ZQV 2.5N/9 169387 20 ZQV 2.5N/9 169387 20 ZQV 2.5N/9 169387 20

ZQV 2.5N/10 169388 20 ZQV 2.5N/10 169388 20 ZQV 2.5N/10 169388 20 ZQV 4N/10 175826 20

ZQV 2.5N/50 169389 10 ZQV 2.5N/50 169389 10 ZQV 2.5N/50 169389 10 ZQV 4N/41 175827 10

LS 2.8 105640 50 LS 2.8 105640 50 LS 2.8 105640 50 LS 2.8 105640 50

WQB B/24 157906 20 WQB B/24 157906 20 WQB B/24 157906 20 WQB B/24 157906 20

TA 1 053586 20 TA 1 053586 20 TA 1 053586 20 TA 1 053586 20

TA 1 053586 20 TA 1 053586 20 TA 1 053586 20 TA 1 053586 20

DEK 5 047346 500 DEK 5 047346 500 DEK 5 047346 500 DEK 6 046866 500

DEK 5 047356 500 DEK 5 047356 500 DEK 5 047356 500 DEK 6 046876 500

WS 8/5 164074 720 WS 8/5 164074 720 WS 8/5 164074 720 WS 8/5 164074 720

WS 8/5 158008 200 WS 8/5 158008 200 WS 8/5 158008 200 WS 8/5 158008 200

* Approvals pending

WDK 4N V



WDK 4N DU-DE



**WDU 4
WDU 4/10/BEZ**



GOST LR DNV		
6/60/64		
8 mm/M 3/3.5 x 0.6		
800 V/32 A/4 mm ²		
8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6 A 4		
-/32		
-/32		

GOST LR DNV		
6/60/64		
8 mm/M 3/3.5 x 0.6		
800 V/32 A/4 mm ²		
8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6 A 4		
-/32		
-/32		

41 A/6 mm ²		
GOST LR DNV		
6/60/47		
10 mm/M 3/3.5 x 0.6		
800 V/32 A/4 mm ²		
8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6 A 4		
41/32		
41/32		

600 V/35 A/26...10 AWG*		
600 V/35 A/26...10 AWG*		
Type	Cat. No.	Qty.
	104191 0000	100
Lower connection range marked green-yellow		

600 V/35 A/26...10 AWG*		
600 V/35 A/26...10 AWG*		
Type	Cat. No.	Qty.
	104195 0000	100
Lower connection range marked green-yellow		

600 V/35 A/22...10 AWG		
600 V/35 A/26...10 AWG		
	Cat. No.	Qty.
	102010	100
	102018	100
	102090	10
	102100	10

Type	Cat. No.	Qty.
WAP	108400 0000	20
WAP BL	108408 0000	20
WTW	105880	20

Type	Cat. No.	Qty.
WAP	108400 0000	20
WAP BL	108408 0000	20
WTW	105880	20

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

Type	Cat. No.	Qty.
ZQV 4N/2	175825	60
ZQV 4N/3	176263	60
ZQV 4N/4	176262	60

Type	Cat. No.	Qty.
ZQV 4N/2	175825	60
ZQV 4N/3	176263	60
ZQV 4N/4	176262	60

ZQV4N	Qty.	WQV	Qty.
175825	60	105196	50
176263	60	105456	50
176262	60	105466	50

ZQV 4N/10	175826	20
ZQV 4N/41	175827	10
LS 2.8	105640	50

ZQV 4N/10	175826	20
ZQV 4N/41	175827	10

175826	20	105206	20
175827	10	(41-pole)	
LS 2.8	105640	50	
WQB A/24	157900	20	
WAW 1	900450	1	

TA 1	053586	20
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TA 1	053586	20
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WTA 3	163235	50
WTA 3/ZA	163236	50
WTA 3/10	163237	5
ZE 1	163215	50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

DEK 6	046866	500
DEK 6	046876	500
WS 12/6	160990	600
WS 12/6	144766	200

Feed-through terminal blocks

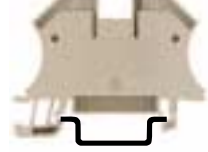
WMA 4/5 WMA 4/4



WDU 6 WDU 6/10/BEZ

WDU 10

WDU 16N



Max. technical data

Dimensions / Approvals		41 A/6 mm ²	57 A/10 mm ²	76 A/16 mm ²	82 A/25 mm ²
Width/length/height (mm)	with TS 35 x 7.5	60/60/47	8/60/47	10/60/47	12/60/47
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 3/3.5 x 0.6	12 mm/M 3.5/4.0 x 0.8	12 mm/M 4/5.5 x 1.0	12 mm/M 4/5.5 x 1.0
VDE rated data 0611, Part 1/8.92/IEC 60 947-1					
Rated voltage/rated current/rated cross-section		800 V/32 A/4 mm ²	800 V/41 A/6 mm ²	800 V/57 A/10 mm ²	400 V/76 A/16 mm ²
Rated impulse voltage/pollution severity		8 kV/3	8 kV/3	8 kV/3	6 kV/3
Further technical data					
Tightening torque range	Nm	0.5...1.0	0.8...1.6	1.2...2.4	1.2...2.4
Torque setting with DMS 2 electric screwdriver		2	3	4	4
Clampable conductor					
Solid H07V-U	mm ²	0.5...6	0.5...10	1.5...16	1.5...16
Stranded H07V-R	mm ²	1.5...6	1.5...10	1.5...16	1.5...25
Flexible H07V-K	mm ²	0.5...6	0.5...10	1.5...16	1.5...16
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4	0.5...6	1.5...16	1.5...16
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...4	0.5...6	1.5...16	1.5...16
Max. Clamping Range in mm ² Gauge pin to IEC 60 947-1	Size	0.13...6 A 4	0.5...10 A 5	1.31...16 B 6	1.5...25 B 7
Continuous current rating	2-pole WQV/ZQV	A 46/32	63/-	85/-	76/-
of cross-connection	multipole WQV/ZQV	A 46/32	63/-	63/-	57 (3 + 4-pole)/-
UL/CSA rated data					
Voltage/current/conductor size	UL		600 V/45 A/20...8 AWG	600 V/60 A/16...6 AWG	300 V/70 A/14...6 AWG
Voltage/current/conductor size	CSA		600 V/45 A/20...8 AWG	600 V/65 A/16...6 AWG	300 V/45 A/20...8 AWG
Ordering data					
	Version				
	Beige Wemid				
	Blue Wemid				
	Terminal block printed 1-9 Wemid				
	Terminal block unprinted* Wemid				
	Motor connection block (L1, L2, L3, PE) Wemid	WMA 4/4	103400	20	
	Motor connection block (L1, L2, L3, N, PE) Wemid	WMA 4/5	103380	20	
End plate/partition					
	WAP (thickness 1.5 mm) Beige Wemid	Type	Cat. No.	Qty.	Type
	Blue Wemid	WAP 2.5-10	105000	50	WAP 2.5-10
	Beige Wemid	WAP 2.5-10	105008	50	WAP 2.5-10
	Blue Wemid	WTW 2.5-10	105010	20	WTW 2.5-10
		WTW 2.5-10	105018	20	WTW 2.5-10
		ZQV4N	Qty.	WQV	Qty.
		WQV	175825	60	105196
		3-pole	176263	60	105456
		4-pole	176262	60	105466
		10-pole	175826	20	105206
			175827	10	(41-pole)
		LS 2.8	105640	50	
		WAW 1	900450	1	
		WTA 3	163235	50	
		WTA 3/ZA	163236	50	
		WTA 3/10	163237	5	
		ZE 1	163215	50	
		PS 2.3 (ø 2.3)	018040	20	
		StB 8.5 (ø 2.3)	028060	50	
		PS 2.3 (ø 2.3)	018040	20	
		PS 4 (ø 4)	029960	20	
		StB 8.5 (ø 2.3)	028060	50	
		StB 14 (ø 4)	016990	50	
		PS 2.3 (ø 2.3)	018040	20	
		PS 4 (ø 4)	029960	20	
		StB 8.5 (ø 2.3)	028060	50	
		StB 14 (ø 4)	016990	50	
		WAD 5	105346	50	
		WAD 5 white	105606	50	
		WAD 8	105356	50	
		WAD 8 white	105616	50	
		WAD 12 N	107320	50	
		WAD 12 N white	107329	50	
		WGB 5	105076	50	
		WGB 8	105096	50	
		T 5	034850	100	
		SF 10	033240	1000	
		SG 10	033250	1000	
		DEK 6	046866	500	
		DEK 6	046876	500	
		WS 12/6	160990	600	
		DEK	144766	200	
		WS 12/6.5	160992	540	
		WS 12/6.5	156895	100	
		DEK 5	047346	500	
		DEK 5	047356	500	
		WS 12/6.5	160992	540	
		WS 12/6.5	156895	100	
		DEK 5	047346	500	
		DEK 5	047356	500	
		WS 12/6.5	160992	540	
		WS 12/6.5	156895	100	

* with unprinted dekafox strips

** touchsafe StB 21.6 (ø4) order No. 107100 also possible with WQV 6

WDU 16



101 A/25 mm ²	GOST LR DNV	
12/60/63		
16 mm/M 5/5.5 x 1.0		
1000 V/76 A/16 mm ²		
8 kV/3		
2.0...4.0		
1.5...16		
1.5...25		
1.5...25		
1.5...16		
1.5...16		
1.5...25	B 7	
101/-		
63/-		
600 V/70 A/14...6 AWG		
600 V/65 A/14...6 AWG		
Cat. No. Qty.		
102040 50		
102048 50		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 16/2	105326	50
WQV 16/3	105516	50
WQV 16/4	105526	50
WQV 16/10	105336	10
WQV 16/2 blue	105328	50

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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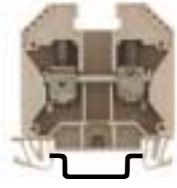
StB 16 (ø 4)	014020	50
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WAD 12	105596	50
WAD 12 white	105626	50

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 16/ZA*



101 A/25 mm ²	GOST LR DNV	
12/60/63		
16 mm/M 5/5.5 x 1.0		
1000 V/76 A/16 mm ²		
8 kV/3		
2.0...4.0		
1.5...16		
1.5...25		
1.5...25		
1.5...16		
1.5...16		
1.5...25	B 7	
101/-		
63/-		
600 V/70 A/14...6 AWG		
600 V/65 A/14...6 AWG		
Cat. No. Qty.		
102890 50		
102898 50		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 16/2	105326	50
WQV 16/3	105516	50
WQV 16/4	105526	50
WQV 16/10	105336	10
WQV 16/2 blue	105328	50

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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StB 16 (ø 4)	014020	50
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WAD 12	105596	50
WAD 12 white	105626	50

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 35N



150 A / 50 mm ²	GOST	
16/66/51		
18 mm/M 6/5.5 x 1.0		
400 V/125 A/35 mm ²		
6 kV/3		
2.5...5.0		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50	B 9	
115/-		
100/-		
300 V/10 A/12...2 AWG		
300 V/10 A/12...2 AWG		
Cat. No. Qty.		
104040 20		
104048 20		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35N/2	107920	50
WQV 35N/3	107930	50
WQV 35N/4	107940	50

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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StB 16 (ø 4)	014020	50
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WAD 16N	108360	50
WAD 16N white	108350	50

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 35



150 A/50 mm ²	GOST LR DNV	
16/60/63		
18 mm/M 6/6.5 x 1.2		
1000 V/125 A/35 mm ²		
8 kV/3		
3.0...5.0		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50	B 9	
138/-		
112/-		
600 V/115 A/12...2 AWG		
600 V/120 A/12...2 AWG		
Cat. No. Qty.		
102050 40		
102058 40		
(hexagon socket) 102060** 25		
(hexagon socket) 102068** 25		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35/2	105306	50
WQV 35/3	105536	50
WQV 35/4	105546	50
WQV 35/10	105316	10
WQV 35/2 blue	105308	50

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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StB 16 (ø 4)	014020	50
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WAD 12	105596	50
WAD 12 white	105626	50

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 35/ZA*



150 A/50 mm ²	GOST LR DNV	
16/60/63		
18 mm/M 6/6.5 x 1.2		
1000 V/125 A/35 mm ²		
8 kV/3		
3.0...5.0		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50	B 9	
138/-		
112/-		
600 V/115 A/12...2 AWG		
600 V/120 A/12...2 AWG		
Cat. No. Qty.		
102880 25		
102888 25		
(hexagon socket) 102900** 25		
(hexagon socket) 102908** 25		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 35/2	105306	50
WQV 35/3	105536	50
WQV 35/4	105546	50
WQV 35/10	105316	10
WQV 35/2 blue	105308	50

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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StB 16 (ø 4)	014020	50
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WAD 12	105596	50
WAD 12 white	105626	50

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 70N



192 A/70 mm ²	GOST	
20.5/75/86		
22 mm/M 8/S 6 DIN 6911		
1000 V/192 A/70 mm ²		
8 kV/3		
6.0...12		
conductor	strips	
10...16	3 x 9 x 0.8	
10...95	6 x 9 x 0.8	
10...70	9 x 9 x 0.8	
10...70		
10...70		
10...95	B 11	
192/-		
192 (3-pole)/-		
600 V/175 A/6...2/0 AWG		
600 V/205 A/8...2/0AWG		
Cat. No. Qty.		
951219 10		
951242 10		
(WDU 70N only with hexagon socket)		

Type	Cat. No.	Qty.
WAP 16-35	105010	20
WAP 16-35	105018	20

WQV 70N/2	951224	5
WQV 70N/3	951225	5
WQV 70N/4	953129	5

WAW 1	900450	1
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PS 4 (ø 4)	029960	20
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StB 16 (ø 4)	014020	50
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WAD 20	951226	20
WAD 20 white	951227	20

T 5	034850	100
SF 10	033240	1000
SG 10	033250	1000

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

* with spigots

Feed-through terminal blocks

WDU 70/95

Large size conductors no longer have to be inserted into the clamping point with force; they can simply be placed in the terminal block.

For each terminal type, terminal block variants consisting of three, four and five-pole terminal blocks are available in addition to the individual terminals. All blocks are permanently screwed together for additional torsional rigidity. Slots provided in the underside of the terminals enable direct fitting. Terminal blocks can be screwed directly to mounting plates with 25 mm pitch.

Further advantages are:

- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover, and remove screw terminal unit




Place conductor in terminal, and replace screw terminal unit



Close terminal cover, and tighten screw with her key

Max. technical data

Dimensions / Approvals

Width/length/height (mm) with TS 35 x 7.5 

Insulation stripping length/clamping screw/wrench size acc. DIN 6911

VDE rated data 0611, Part 1/8.92/IEC 60 947-7-1

Rated voltage/rated current/rated cross-section

Rated impulse voltage/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule according to DIN 46 228/1 mm²

Flexible H07V-K and ferrule with plastic insul. collar mm²

Strips mm

Strips mm

Max. clamping range in mm², Gauge pin to IEC 60 947-1 Size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Hexagon socket 6 mm Beige Wernid

Hexagon socket 6 mm Blue Wernid

Hexagon socket 6 mm Green Wernid

Hexagon socket 6 mm Terminal block* 3-pole Wernid

Hexagon socket 6 mm Terminal block* 4-pole Wernid

Hexagon socket 6 mm Terminal block* 5-pole Wernid

Mains terminal block 3x beige, 1x blue, 1x green Wernid

Cross-connection



Auxiliary/control conductor terminal pressure clamp***

WZAD (to 4 mm², 32 A)

WFL



Cover

Yellow



White

Test plug



Fixing screw

For direct assembly



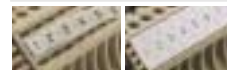
Hexagon key

Screwdriver for direct assembly 1 x 5.5 x 125



Marking tags

Print



DEK Consecutive horizontal

DEK Consecutive vertical

WS Blank

DEK WS WS Printed

Mounting rails, end brackets, further marking material see section "Accessories"

* Terminal block for direct assembly only

** Using 95 and 120 mm² with 10 Nm tightening torque

232 A/95 mm²



27/132/108

30 mm/M 8/S 6

1000 V/232 A/95 mm²

8 kV/3

6...12

16

16...120**

16...95**

35...95**

35...50

3 x 9 x 0.8 6 x 9 x 0.8

4 x 16 x 0.8 6 x 16 x 0.8

16...120

B 12

232

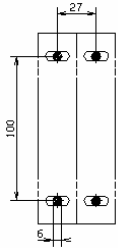
(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

	Cat. No.	Qty.
	102460	10
	102468	10
	102465	10

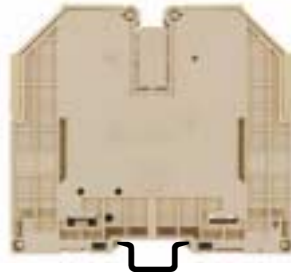
WDU 70/95/...



Drilling plan for direct mounting
232 A/95 mm²

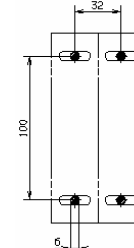
81/132/108 (triple block)*		
30 mm/M 8/S 6		
1000 V/232 A/95 mm ²		
8 kV/3		
6...12		
16		
16...120**		
16...95**		
35...95**		
35...50		
3 x 9 x 0.8	6 x 9 x 0.8	
4 x 16 x 0.8	6 x 16 x 0.8	
16...120		B 12
232		
(3) 232		
600 V/175 A/6...2/0 AWG		
600 V/205 A/6...2/0 AWG		
Type	Cat. No.	Qty.
	102670*	4
	102680*	3
	102690*	2
	103230*	2
Type	Cat. No.	Qty.
WQV 70/2	106350	5
WQV 70/3	106360	5
WZAD 70	106600	10
WFL 70/95	161633	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4	029960	20
Insertable in screw head connection system		
M 6x16	106370	20
Hexagon key	040790	1
6 mm to DIN 6911		
SDI	900841	1
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 120/150



309 A/150 mm ²		
32/132/118		
35 mm/M 10/S 6		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
-		
35...150		
35...150		
3 x 9 x 0.8	6 x 9 x 0.8	
4 x 16 x 0.8	6 x 16 x 0.8	
35...150		B 13
292		
(3) 292		
600 V/225 A/2...MCM 250 AWG		
600 V/285 A/2...MCM 250 AWG		
Type	Cat. No.	Qty.
	102450	10
	102458	10
	102455	10
Type	Cat. No.	Qty.
WQV 120/2	106330	5
WQV 120/3	106340	5
WZAD 120	106610	10
WFL 120/150	161634	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4	029960	20
Insertable in screw head connection system		
M 6x16	106370	20
Hexagon key	040790	1
6 mm to DIN 6911		
SDI	900841	1
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WDU 120/150/...



Drilling plan for direct mounting
309 A/150 mm²

96/132/118 (triple block)*		
35 mm/M 10/S 6		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
-		
35...150		
35...150		
3 x 9 x 0.8	6 x 9 x 0.8	
4 x 16 x 0.8	6 x 16 x 0.8	
35...150		B 13
292		
(3) 292		
600 V/225 A/2...MCM 250 AWG		
600 V/285 A/2...MCM 250 AWG		
Type	Cat. No.	Qty.
	102640*	3
	102650*	2
	102660*	2
	103240*	2
Type	Cat. No.	Qty.
WQV 120/2	106330	5
WQV 120/3	106340	5
WZAD 120	106610	10
WFL 120/150	161634	10
WAD 27		
with warning tag	106286	10
WAD 27		
without warning tag	106296	10
PS 4	029960	20
Insertable in screw head connection system		
M 6x16	106370	20
Hexagon key	040790	1
6 mm to DIN 6911		
SDI	900841	1
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

Tab connection terminals



Max. technical data

Dimensions / Approvals	
Width/length/height (mm)	without WAH
Width/length/height (mm)	with WAH
Bolt size	M

VDE rated data 0611, Part 1/8.92/IEC 60 947-7-1	
Rated voltage/rated current/rated cross-section	1000 V/125 A/35 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm

Clampable conductor	
Cable lug DIN 46 235	mm ²
Cable lug DIN 46 234	mm ²
2 x cable lug DIN 46 235	mm ²
2 x cable lug DIN 46 234	mm ²
Strips	mm
Strips	mm
Strips	mm

Max. connection area in mm ² , Gauge for flat connections to 50043	
Size	
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection 3-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	
Version	
Beige Wemid	
Blue Wemid	

With covers	Beige Wemid
	Beige Wemid

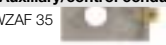
Partition (thickness 2 mm)	
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Cross-connection	
WQL	



Auxiliary/control conductor terminal	
WZAF 35	(to 4 mm ² , 32 A)



Cover	
WAH 35	
WAH 35 BL	
WAH 35 HG	
WAP*	



Warning sign	
WD 1	
Yellow, Self-adhesive, With lightning flash, Can be sucked to WAH only	



M 6 x 16**	
SDI	



Cupal washers	
CPSB M 6	



Marking tags	
DEK	Consecutive horizontal
DEK	Consecutive vertical
WS	Blank



Mounting rail, eng brackets, further marking materials see section "Accessories"

* The WAP can be used only in conjunction with the WAH. In the event that no conductor is connected, it guarantees shock protection in the connection area.

WFF 35



Drilling plan for direct mounting 50 A/50 mm²

UL/CSA GOST LR	
Width/length/height (mm)	without WAH
Width/length/height (mm)	with WAH
Bolt size	M

VDE rated data 0611, Part 1/8.92/IEC 60 947-7-1	
Rated voltage/rated current/rated cross-section	1000 V/125 A/35 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm

Clampable conductor	
Cable lug DIN 46 235	mm ²
Cable lug DIN 46 234	mm ²
2 x cable lug DIN 46 235	mm ²
2 x cable lug DIN 46 234	mm ²
Strips	mm
Strips	mm
Strips	mm

Max. connection area in mm ² , Gauge for flat connections to 50043	
Size	
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection 3-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	
Version	
Beige Wemid	
Blue Wemid	

Partition (thickness 2 mm)	
----------------------------	--

WTW WFF 35	
------------	--

Cross-connection	
WQL 2/35	
WQL 3/35	

Auxiliary/control conductor terminal	
WZAF 35	

Cover	
WAH 35	
WAH 35 BL	
WAH 35 HG	
WAP*	

Warning sign	
WD 1	
Qty. = 5 cards with 6 labels on each	

M 6 x 16**	
SDI	

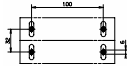
Cupal washers	
CPSB M 6	

Marking tags	
DEK 5	Consecutive horizontal
DEK 5	Consecutive vertical
WS 12/6.5	Blank
WS 12/6.5	Blank

Mounting rail, eng brackets, further marking materials see section "Accessories"

* The WAP can be used only in conjunction with the WAH. In the event that no conductor is connected, it guarantees shock protection in the connection area.

WFF 70



Drilling plan for direct mounting 232 A/95 mm²

UL/CSA GOST LR	
Width/length/height (mm)	without WAH
Width/length/height (mm)	with WAH
Bolt size	M

VDE rated data 0611, Part 1/8.92/IEC 60 947-7-1	
Rated voltage/rated current/rated cross-section	1000 V/192 A/70 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm

Clampable conductor	
Cable lug DIN 46 235	mm ²
Cable lug DIN 46 234	mm ²
2 x cable lug DIN 46 235	mm ²
2 x cable lug DIN 46 234	mm ²
Strips	mm
Strips	mm
Strips	mm

Max. connection area in mm ² , Gauge for flat connections to 50043	
Size	
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection 3-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	
Version	
Beige Wemid	
Blue Wemid	

Partition (thickness 2 mm)	
----------------------------	--

WTW WFF 70	
------------	--

Cross-connection	
WQL 2/70	
WQL 3/70	

Auxiliary/control conductor terminal	
WZAF 70	

Cover	
WAH 70	
WAH 70 BL	
WAH 70 HG	
WAP*	

Warning sign	
WD 1	
Qty. = 5 cards with 6 labels on each	

M 6x16**	
SDI	

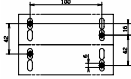
Cupal washers	
CPSB M 8	

Marking tags	
DEK 5	Consecutive horizontal
DEK 5	Consecutive vertical
WS 12/6.5	Blank
WS 12/6.5	Blank

Mounting rail, eng brackets, further marking materials see section "Accessories"

** Screw locking e. g. with Loctite 243 for e. g. rolling stock applications acc. DIN EN 50 155/5.96

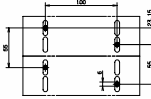
WFF 120



Drilling plan for direct mounting
309 A/150 mm²

42/132/72		
42/230/81		
10		
1000 V/269 A/120 mm ²		
8 kV/3		
10...20		
16...150		
6...150		
16...120		
6...120		
2 x 20 x 1		
6 x 20 x 1		
5 x 24 x 1		
5.26...150	C 8	
292		
292		
1000 V/310 A/10...MCM 250 AWG		
600 V/310 A/10...MCM 250 AWG		
	Cat. No.	Qty.
	102850	5
	102858	5
	102950	5
Type	Cat. No.	Qty.
WTW WFF 120	106730	10
WQL 2/120	106510	5
WQL 3/120	106560	5
WZAF 120	106630	10
WAH 120	106466	20
WAH 120 BL	106468	20
WAH 120 HG	106465	20
WAP*	107300	20
WD 1	156390	5
Qty. = 5 cards with 6 lables on each		
M 6x16**	106370	20
SDI	900841	1
CPSB M 10	015640	50
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

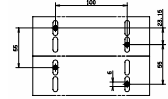
WFF 185 / WFF 185 M 12 + M 16



Drilling plan for direct mounting
415 A/240 mm²

55/163/78		
55/287/91		
12		
1000 V/353 A/185 mm ²		
8 kV/3		
14...31		
25...240		
10...240		
25...185		
10...185		
2 x 24 x 1	10 x 24 x 1	
2 x 32 x 1	6 x 32 x 1	
3 x 35 x 1		
8.37...240		C 11
382		
382		
1000 V/380 A/8...MCM 500 AWG		
600 V/380 A/8...MCM 500 AWG		
	Cat. No.	Qty.
	102860	4
	102868	4
	102960	4
(M12+M16)	102865	4
Type	Cat. No.	Qty.
WTW WFF 185	106740	10
WQL 2	106520	5
WQL 3	106570	5
WZAF 185	106640	10
WAH 185/300	106476	10
WAH 185/300 BL	106478	10
WAH 185/300 HG	106475	10
WD 1	156390	5
Qty. = 5 cards with 6 lables on each		
M 6x16**	106370	20
SDI	900841	1
CPSB M 12	015650	20
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WFF 300



Drilling plan for direct mounting
520 A/300 mm²

55/163/86		
55/287/90		
16		
1000 V/520 A/300 mm ²		
8 kV/3		
25...60		
50...300		
25...240		
50...240		
25...240		
2 x 40 x 1	3 x 35 x 1	
6 x 40 x 1	8 x 32 x 1	
8 x 40 x 1		
13.3...300		-
520		
520		
1000 V/500 A/6...MCM 600 AWG		
600 V/510 A/6...MCM 600 AWG		
	Cat. No.	Qty.
	102870	4
	102878	4
	102970	4
Type	Cat. No.	Qty.
WTW WFF 300	106740	10
WQL 2	106530	5
WQL 3	106580	5
WZAF 300	106650	10
WAH 185/300	106476	10
WAH 185/300 BL	106478	10
WAH 185/300 HG	106475	10
WD 1	156390	5
Qty. = 5 cards with 6 lables on each		
M 6x16**	106370	20
SDI	900841	1
CPSB M 16	015650	20
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

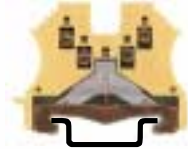
Protective conductor terminal blocks

WPE 2.5N

WPE 1.5/ZZ

WPE 2.5

WPE 2.5/1.5/ZR



Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6
VDE rated data 0611, Part 3/IEC 60 947-2	
Rated voltage/current for PEN/cross-section	- V/- A/2.5 mm ²
Rated voltage/impulse voltage/pollution severity adjacent terminal	500 V/6 kV/3
Further technical data	
Tightening torque range	Nm 0.4...0.6
Torque setting with DMS 2 electric screwdriver	1/1
Clampable conductor	
Solid H07V-U	mm ² 0.5...4
Stranded H07V-R	mm ² 1.5...4
Flexible H07V-K	mm ² 0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ² 0.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm ² 0.5...2.5 ⁵⁾
AWG conductor	Nr. 26...12
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size 0.13...4 A 3
Ordering data	
	Green/yellow Wemid
Support block ¹⁾	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 5	047346	500	
DEK 5	047356	500	
WS 12/5	160986	720	
WS 12/5	144746	200	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 5	047346	500	
DEK 5	047356	500	
WS 12/5	160986	720	
WS 12/5	144746	200	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 5	047346	500	
DEK 5	047356	500	
WS 12/5	160986	720	
WS 12/5	144746	200	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 5	047346	500	
DEK 5	047356	500	
WS 12/5	160986	720	
WS 12/5	144746	200	

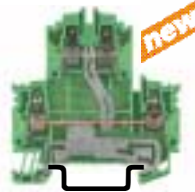
Marking tags		Print	
DEK	Consecutive horizontal	DEK	Consecutive horizontal
DEK	Consecutive vertical	DEK	Consecutive vertical
WS	Blank	WS	Blank
WS	Printed	WS	Printed

WDK 4N PE

WPE 6

WPE 10

WPE 16N



Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3.5 x 0.6
VDE rated data 0611, Part 3/IEC 60 947-2	
Rated voltage/current for PEN/cross-section	- V/- A/4 mm ²
Rated voltage/impulse voltage/pollution severity adjacent terminal	800 V/8 kV/3
Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with DMS 2 electric screwdriver	2
Clampable conductor	
Solid H07V-U	mm ² 0.5...6
Stranded H07V-R	mm ² 1.5...6
Flexible H07V-K	mm ² 0.5...4
Solid H07V-K and ferrules DIN 46 228/1	mm ² 1.5...4
Flexible H07V-K and ferrules with plastic insul. collar	mm ² 1.5...4
AWG conductor	Nr. 26...10
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size 0.13...6 A3
Ordering data	
	Green/yellow Wemid with hexagon socket
Support block ¹⁾	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 5	047346	500	
DEK 5	047356	500	
WS 8/5	164074	720	
WS 8/5	158008	200	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Marking tags		Print	
DEK	Consecutive horizontal	DEK	Consecutive horizontal
DEK	Consecutive vertical	DEK	Consecutive vertical
WS	Blank	WS	Blank
WS	Printed	WS	Printed

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Type		Cat. No.	Qty.
SH 2	049492	10	
DEK 8	127696	500	
DEK 8	128966	500	
WS 12/6.5	160992	540	
WS 12/6.5	156895	100	

Mounting rails, end brackets, further marking material see section "Accessories"

¹⁾ For insulated arrangement of mounting rails in totally insulated systems
²⁾ Insertable link in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

³⁾ Yellow side open, see fitting note, page 1/4
⁴⁾ For PEN link in conjunction with WQV 16 N, connect neutral conductor between PE and phase.

⁵⁾ Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 133310
⁶⁾ Using 35 mm² with 5 Nm tightening torque

WDK 2.5 PE



ГОСТ		
5/69/63		
10 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
400 V/6 kV/3		
0.4...0.6		
1/1		
0.5...4		
1.5...4		
0.5...2.5		
0.5...2.5		
0.5...2.5 ⁵⁾		
22...12		
0.13...4 A 3		
	Cat. No.	Qty.
	103630	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

WDK 2.5 DU-PE***



ГОСТ		
5/69/63		
10 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
400 V/6 kV/3		
0.4...0.6		
1/1		
0.5...4		
1.5...4		
0.5...2.5		
0.5...2.5		
0.5...2.5 ⁵⁾		
22...12		
0.13...4 A 3		
	Cat. No.	Qty.
	103640	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

WDK 2.5N DU-PE new



ГОСТ LR DNV		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5		
22...12		
0.13...4 A 3		
	Cat. No.	Qty.
	104165 0000	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

WDK 2.5N PE new



ГОСТ LR DNV		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm ²		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5		
22...12		
0.13...4 A 3		
	Cat. No.	Qty.
	104162 0000	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

WPE 4



ГОСТ LR DNV		
6/60/47		
10 mm/M 3/3.5 x 0.6		
- V/- A/4 mm ²		
800 V/8 kV/3		
0.5...1.0/0.5...0.8**		
1/1		
0.5...6		
1.5...6		
0.5...6		
0.5...4		
0.5...4		
26...10		
0.13...4 A 4		
	Cat. No.	Qty.
	101010	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 6	046866	500
DEK 6	046876	500
WS 12/6	160990	600
WS 12/6	144766	200

WDK 4N DU-PE new



ГОСТ LR DNV		
5/60/64		
8 mm/M 3/3.5 x 0.6		
- V/- A/4 mm ²		
800 V/8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
26...10		
0.13...6 A 3		
	Cat. No.	Qty.
	104195 0000	100
Type	Cat. No.	Qty.
SH 2	049492	10
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

WPE 16



ГОСТ LR DNV		
12/60/63		
16 mm/M 5/5.5 x 1.0		
- V/76 A/16 mm ²		
800 V/8 kV/3		
2.0...4.0/1.2...2.4**		
-/4		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
1.5...16		
14...6		
1.5...25 B 7		
	Cat. No.	Qty.
	101040	50
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 16	106020	10
DEK 8	127696	500
DEK 8	128966	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WPE 35N



ГОСТ		
16/66/51		
18 mm/M 6/5.5 x 1.0		
- V/125 A/35 mm ²		
400 V/6 kV/3		
2.5...5.0/1.2...2.4**		
-/4		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50 B 9		
	Cat. No.	Qty.
	171774	20
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 35N	107950	10
DEK 8	127696	500
DEK 8	128966	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WPE 35



ГОСТ LR DNV		
16/60/63		
18 mm/M 6/6.5 x 1.2		
- V/125 A/35 mm ²		
800 V/8 kV/3		
2.5...5.0/1.2...2.4**		
-/4		
2.5...16		
2.5...35 ⁶⁾		
2.5...35 ⁶⁾		
2.5...35 ⁶⁾		
2.5...35 ⁶⁾		
12...2		
2.5...35 B 9		
	Cat. No.	Qty.
	101050	25
	101260	25
Type	Cat. No.	Qty.
SH 2	049492	10
External		
WQB-PEN 35	106010	10
DEK 8	127696	500
DEK 8	128966	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WPE 70N



ГОСТ		
20.5/75/86		
22 mm/M 8/S 6 DIN 6911		
- V/192 A/70 mm ²		
1000 V/8 kV/3		
6.0...12/2.0...4.0**		
10...16		
10...95		
10...70		
10...70		
10...70		
8...2/0		
10...95 B 11		
	Cat. No.	Qty.
	951220	10
Type	Cat. No.	Qty.
SH 2	049492	10
Internal		
WQV 70N-PEN	952584	5
DEK 8	127696	500
DEK 8	128966	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WPE 70/95



ГОСТ		
27/132/108		
30 mm/M 8/S 6 DIN 6911		
- V/232 A/95 mm ²		
1000 V/8 kV/3		
6.0...12/3.0...6.0**		
16		
16...120****		
16...95****		
35...95****		
35...50		
6...2/0		
16...120 B 12		
	Cat. No.	Qty.
	103730	10
Type	Cat. No.	Qty.
SH 2	049492	10
Internal		
WQV 70/95-PEN	107230	5
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WPE 120



ГОСТ		
32/132/118		
35 mm/M 10/S 6 DIN 6911		
- V/269 A/120 mm ²		
1000 V/8 kV/3		
10...20/3.0...6.0**		
-		
35...150		
35...150		
-		
-		
2...MCM 250		
35...150 B 13		
	Cat. No.	Qty.
	101970	10
Type	Cat. No.	Qty.
SH 2	049492	10
Internal		
WQV 120-PEN	107240	5
DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

* TS 35/15 Cu (027010)
** applies to centre screw

*** WDK 2.5 DU-PE see also page 6
**** Using 95 and 120 mm² with 10 Nm tightening torque

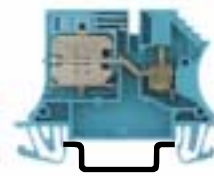
Isolating neutral terminal blocks

WNT 2.5

WNT 4

WNT 6

WNT 10



Max. technical data

Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
VDE rated data 0611, Part 5/5.84	
Rated voltage/rated current/rated cross-section	
Rated voltage/impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection	2-pole A
Continuous current rating of cross-connection	multipole A

32 A/4 mm ²	
5/60/47	
10 mm/M 2.5/3.5 x 0.6	
400 V/24 A/2.5 mm ²	
400 V/6 kV/3	
0.4...0.8 / 0.4...0.8	
1	
0.5...4	
1.5...4	
0.5...4	
0.5...2.5	
0.5...2.5 ¹⁾	
0.13...4	A 3

41 A/6 mm ²	
6/60/47	
10 mm/M 3/3.5 x 0.6	
400 V/32 A/4 mm ²	
400 V/6 kV/3	
0.5...1.0 / 0.4...0.8	
2	
0.5...6	
1.5...6	
0.5...6	
0.5...4	
0.13...6	A 4

57 A/10 mm ²	
8/60/47	
12 mm/M 3.5/4.0 x 0.8	
400 V/41 A/6 mm ²	
400 V/6 kV/3	
0.8...1.6 / 0.8...1.6	
3	
0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...10	A 5

76A/16 mm ²	
10/60/47	
12 mm/M 4/5.5 x 1.0	
400 V/57 A/10 mm ²	
400 V/6 kV/3	
1.2...2.4 / 0.8...1.6	
4	
1.5...16	
1.5...16	
1.5...16	
1.5...16	
1.31...16	B 6

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
Version	
For 10 x 3 busbars	Blue Wemid
For 10 x 3 busbars as equipotential bonding disconnector	Beige Wemid

600 V/25 A/22...12 AWG	
600 V/20 A/26...12 AWG	
	Cat. No. Qty.
	101068 100
	101060 100

600 V/35 A/22...10 AWG	
600 V/35 A/26...10 AWG	
	Cat. No. Qty.
	101078 100
	101070 100

600 V/45 A/20...8 AWG	
600 V/45 A/20...8 AWG	
	Cat. No. Qty.
	101088 50
	101080 50

600 V/60 A/16...8 AWG	
600 V/65 A/16...6 AWG	
	Cat. No. Qty.
	101098 50
	101090 50

End plate		
Thickness 1.5 mm	Blue Wemid	
	Beige Wemid	



Support plate		
for SSch 10 x 3	Blue Wemid	
	Beige Wemid	



Thickness 1.5 mm
Distance WHP-WHP max. 200 mm

Busbar 10 x 3		
	Cu 140 A	



Type	Cat. No.	Qty.
WAP 2.5-10	105008	50
WAP 2.5-10	105000	50

Type	Cat. No.	Qty.
WAP 2.5-10	105008	50
WAP 2.5-10	105000	50

Type	Cat. No.	Qty.
WAP 2.5-10	105008	50
WAP 2.5-10	105000	50

Type	Cat. No.	Qty.
WAP 2.5-10	105008	50
WAP 2.5-10	105000	50

WHP 2.5-10	105028	20
WHP 2.5-10	105020	20

WHP 2.5-10	105028	20
WHP 2.5-10	105020	20

WHP 2.5-10	105028	20
WHP 2.5-10	105020	20

WHP 2.5-10	105028	20
WHP 2.5-10	105020	20

SSch 10 x 3 Cu	034890	1 m
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SSch 10 x 3 Cu	034890	1 m
----------------	--------	-----

SSch 10 x 3 Cu	034890	1 m
----------------	--------	-----

SSch 10 x 3 Cu	034890	1 m
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ZB 35 K	050268	20
ZB 35	026650	20

Applied input for SSch 10 x
16...50 mm² stranded
16...35 mm² flexible
Gauge pin to B9



ZB 35 K	050268	20
ZB 35	026650	20

ZB 35 K	050268	20
ZB 35	026650	20

ZB 35 K	050268	20
ZB 35	026650	20

ZB 35 K	050268	20
ZB 35	026650	20

PS 2.3	018040	20
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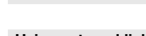
PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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PS 2.3	018040	20
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WEW 35 / 2	106120	50
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WEW 35 / 2	106120	50
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WEW 35 / 2	106120	50
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WEW 35 / 2	106120	50
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WEW 35 / 2	106120	50
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Using external link		
Clampable cond. section one degree lower		

Marking tags		
Print	DEK 5	047346 500
	DEK 5	047356 500
	DEK Consecutive horizontal	
	DEK Consecutive vertical	
	WS 12/5	160986 720
	WS	144746 200
	Blank	

Mounting rails, end brackets, further marking material see section "Accessories"
1) Ferrules with optimum diam. for terminals with 5 mm pitch:
Cat. No. 133310

DEK 5	046866 500
DEK 6	046876 500
WS 12/6	160990 600
WS 12/6	144766 200

DEK 6	046866 500
DEK 8	127696 500
WS 12/6.5	160992 540
WS 12/6.5	156895 100

DEK 8	127696 500
DEK 8	128966 500
WS 12/6.5	160992 540
WS 12/6.5	156895 100

DEK 8	127696 500
DEK 8	128966 500
WS 12/6.5	160992 540
WS 12/6.5	156895 100

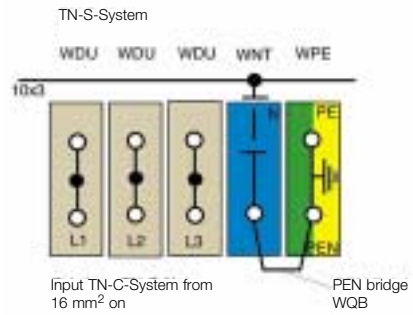
WNT 16 N

WNT 35 N

WNT 70 N



WNT 16 N		WNT 35 N		WNT 70 N	
- / -		- / -		207 A/95 mm ²	
12/60/47		16/66/51		20.5/75/86	
12 mm/M 4/5.5 x 1.0		18mm/M 6/5.5 x 1.0		22 mm/M 8/S 6 DIN 6911	
400 V/76 A/16 mm ²		400 V/125 A/35 mm ²		400 V/192 A/70 mm ²	
400 V/6 kV/3		400 V/6 kV/3		400 V/6 kV/3	
1.2...2.4 / 0.8...1.6		2.5...5 / 1.2...2.4		6.0...12 / 2.5...5	
4		-		-	
1.5...16		2.5...16		10...16	
1.5...25		2.5...50		10...95	
1.5...16		2.5...35		10...70	
1.5...16		2.5...35		10...70	
1.5...16		2.5...35		10...70	
1.5...25	B 7	2.5...35	B 9	10...95	B 11
				600 V/175 A/6...2/0 AWG	
Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.	
101900 50		171855 20		951221 10	
Type Cat. No. Qty.		Type Cat. No. Qty.		Type Cat. No. Qty.	
WHP 2.5-10 105028 20		WHP 2.5-10 105028 20		WHP 2.5-10 105028 20	
SSch 10 x 3 Cu 034890 1 m		SSch 10 x 3 Cu 034890 1 m		SSch 10 x 3 Cu 034890 1 m	
ZB 35 K 050268 20		ZB 35 K 050268 20		ZB 35 K 050268 20	
ZB 35 026650 20		ZB 35 026650 20		ZB 35 026650 20	
PS 2.3 018040 20		PS 2.3 018040 20		PS 4 029960 20	
WEW 35 / 2 106120 50		WEW 35 / 2 106120 50		WEW 35 / 2 106120 50	
WQB-PEN 16N 107960 10		WQB-PEN 35N 107950 10		WQB-PEN 70N 107970 10	
DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500	
DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500	
WS 12/6.5 160992 540		WS 12/6.5 160992 540		WS 12/6.5 160992 540	
WS 12/6.5 156895 100		WS 12/6.5 156895 100		WS 12/6.5 156895 100	



Three-way terminal blocks for N-busbar 10 x 3

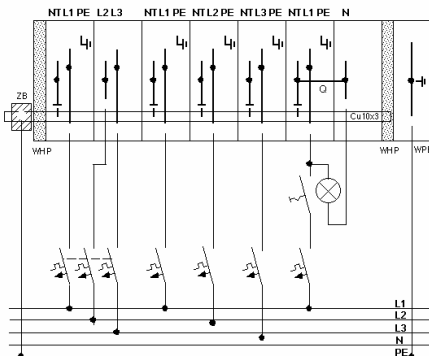
Installation specifications for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. The WDL three-way terminal block meets these requirements. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner. Two independent terminals strips with disconnect elements and a cross-connection system of the N conductor are available:

WDL 2.5/S...

N cross-connection with the proven 10 x 3 mm busbar system up to 140 A. The busbar is fed by a separate clamping yoke (ZB 4-ZB 16) or an N disconnect terminal of the WNT series.

WDL 2.5/S/L/L

Three-phase circuits can be implemented by combining three-way terminals (L 1, N, PE) and WDL 2.5/(S)/L/L two-way terminals (L 2, L 3).



Terminal/Accessories

Max. technical data

Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/rated current/rated cross-section	
Rated voltage/impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrule with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	for TS 35 / Beige Wemid

End plate



Support plate



Small partition for Q

Cross-connection (L/N/NT)



Busbar 10 x 3

Topface busbar till topface TS 35 = 25.5 mm
Cu 140 A

Clamping yoke

supply for 10 x 3 busbar
16...50 mm² stranded
16...35 mm² flexible
Gauge pin to B9

Neutral (N) disconnect terminals

as supply terminals

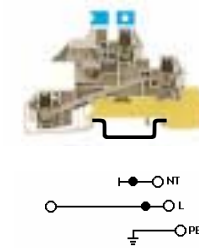
End bracket

Marking tags

		Print	
DEK	Consecutive horizontal	DEK 6	046866 500
DEK	Consecutive vertical	DEK 6	046876 500
WS	Blank	WS 8/5	164074 720
DEK	Printed	WS 8/5	158008 200

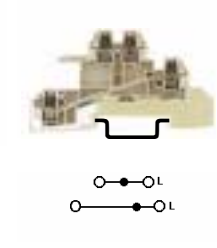
Mounting rails, end brackets, further marking material see section "Accessories"

WDL 2.5/S/ NT/L/PE



32 A/4 mm ²	32 A/4 mm ²
VA ; GOST	VA ; GOST
6/84.5/48.7	6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6
VDE 0611 Teil 4	
250V/400V/24 A/2.5 mm ²	400 V/24 A/2.5 mm ²
250V/400 V/4 kV/3	400 V/6 kV/3
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrule with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	for TS 35 / Beige Wemid
	Cat. No. Qty.
	103060 50
(NT connection coded blue)	

WDL 2.5/S/ L/L



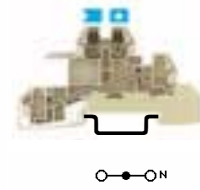
32 A/4 mm ²	32 A/4 mm ²
VA ; GOST	VA ; GOST
6/84.5/48.7	6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6
IEC 60 947-1	
250V/400V/24 A/2.5 mm ²	400 V/24 A/2.5 mm ²
250V/400 V/4 kV/3	400 V/6 kV/3
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrule with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	for TS 35 / Beige Wemid
	Cat. No. Qty.
	103120 50

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20	WAP WDL 2.5/S	106770	20
WHP WDL 2.5/S	106798	20			
TSch 1	031916	100	TSch 1	031916	100
Q 2	107150	50	Q 2	107150	50
Q 3	107160	50	Q 3	107160	50
Q 4	107170	50	Q 4	107170	50
Q 10	107180	20	Q 10	107180	20
Q 20	107420	20	Q 20	107420	20
SSch 10 x 3 Cu	034890	1 m			
ZB 35 K	050268	50			
WNT 10	101098	50			
WNT 16 N	101900	50			
WNT 70 N	951221	10			
WEW 35 / 2	106120	50	WEW 35 / 2	106120	50
DEK 6	046866	500	DEK 6	046866	500
DEK 6	046876	500	DEK 6	046876	500
WS 8/5	164074	720	WS 8/5	164074	720
WS 8/5	158008	200	WS 8/5	158008	200

WDL 2.5/S-Blöcke
for one three-phase circuit
for three AC circuits



WDL 2.5/S/N



32 A/4 mm²
GOST

6/84.5/48.7
 8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5 mm²
 400 V/6 kV/3

0.4...0.6
 1

0.5...4
 1.5...4
 0.5...4
 0.25...4
 0.25...4
 0.13...4 A 3
 24

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103410	25
Block of each	103060+103120	
	103420	20

Block of three **103060**

Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20

WHP WDL 2.5/S **106798** 20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu **034890** 1 m

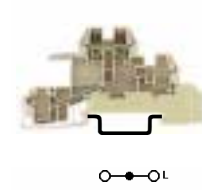
ZB 35 K **050268** 50

WNT 10 **101098** 50
 WNT 16 N **101900** 50
 WNT 70 N **951221** 10

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/S/L



32 A/4 mm²
GOST

6/84.5/48.7
 8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5 mm²
 400 V/6 kV/3

0.4...0.6
 1

0.5...4
 1.5...4
 0.5...4
 0.25...4
 0.25...4
 0.13...4 A 3
 24

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103130	50

Block of three **103060**

Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu **034890** 1 m

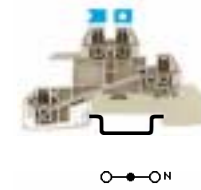
ZB 35 K **050268** 50

WNT 10 **101098** 50
 WNT 16 N **101900** 50
 WNT 70 N **951221** 10

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/S/N/L



32 A/4 mm²
GOST

6/84.5/48.7
 8 mm/M 2.5/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5 mm²
 400 V/6 kV/3

0.4...0.6
 1

0.5...4
 1.5...4
 0.5...4
 0.25...4
 0.25...4
 0.13...4 A 3
 24

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103080	50

Block of three **103060**

Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20

WHP WDL 2.5/S **106798** 20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu **034890** 1 m

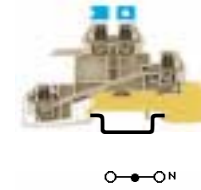
ZB 35 K **050268** 50

WNT 10 **101098** 50
 WNT 16 N **101900** 50
 WNT 70 N **951221** 10

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/S/N/L/PE



32 A/4 mm²
GOST

6/84.5/48.7
 8 mm/M 2.5/3.5 x 0.6

250V/400V/24 A/2.5 mm²
 250V/400 V/4 kV/3

0.4...0.6
 1

0.5...4
 1.5...4
 0.5...4
 0.25...4
 0.25...4
 0.13...4 A 3
 24

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103070	50

Block of three **103060**

Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20

WHP WDL 2.5/S **106798** 20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu **034890** 1 m

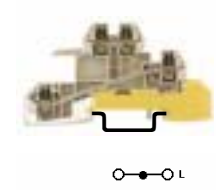
ZB 35 K **050268** 50

WNT 10 **101098** 50
 WNT 16 N **101900** 50
 WNT 70 N **951221** 10

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/S/L/L/PE



32 A/4 mm²
GOST

6/84.5/48.7
 8 mm/M 2.5/3.5 x 0.6

250V/400V/24 A/2.5 mm²
 250V/400 V/4 kV/3

0.4...0.6
 1

0.5...4
 1.5...4
 0.5...4
 0.25...4
 0.25...4
 0.13...4 A 3
 24

300 V/15 A/22...12 AWG
 300 V/10 A/26...12 AWG

	Cat. No.	Qty.
	103110	50

Block of three **103060**

Type	Cat. No.	Qty.
WAP WDL 2.5/S	106770	20

WHP WDL 2.5/S **106798** 20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

SSch 10 x 3 Cu **034890** 1 m

ZB 35 K **050268** 50

WNT 10 **101098** 50
 WNT 16 N **101900** 50
 WNT 70 N **951221** 10

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

Three-way terminal blocks with N-cross-connection WQV

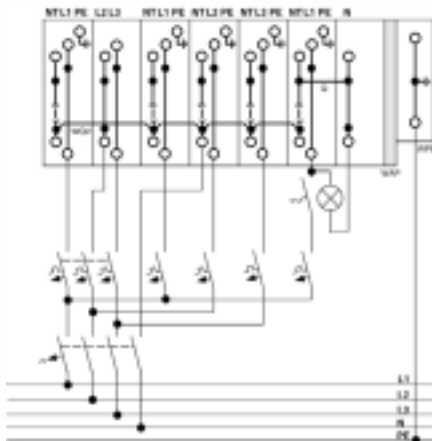
Installation specification for power systems up to 1000 V to VDE 0100 (IEC 364) require that the installed system be subjected to an insulation measurement test. Special specifications stipulate an insulation measurement for all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. The WDL three-way terminal block meets these requirements. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner. Two independent terminals strips with disconnect elements and a cross-connection system of the N conductor are available.

WDL 2.5...

N cross-connection via the WQV 4 cross-connection system form the W series. The supply power is fed directly via a clamping yoke in the terminal.

WDL 2.5/L/L

Three-phase circuits can be implemented by combining three-way terminals (L 1, N, PE) and WDL 2.5/L/L two-way terminals (L 2, L 3).



Terminal/accessories

Max. technical data	
Dimensions / Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Ratings	
Rated voltage/rated current/rated cross-section	
Rated voltage/impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
Continuous current rating of cross-connection WQV 4 multipole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
for TS 35 / Beige Wernid			

End plate



Small partition for Q



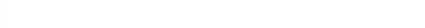
Cross-connection (L/NT/N)



Cross-connection* Input (L, NT, N)



Notching tool for WQV



End bracket

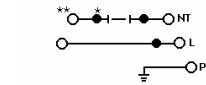
Marking tags

DEK	Consecutive horizontal	Print
DEK	Consecutive vertical	Print
WS	Blank	Print
DEK	WS	Printed

Mounting rails, end brackets, further marking material see section "Accessories"

* Cross-connection WQV 4
** Connection 4/6 mm² / A4

WDL 2.5/NT/L/PE



29 A/4 mm ²	
29 A/4 mm ²	
6/90/48.7	
8 mm/M 2.5/3**/3.5 x 0.6	

VDE 0611 Teil 4	
250V/400V/24 A/2.5/4** mm ²	
250V/400 V/4 kV/3	

Tightening torque range		Nm
Torque setting with DMS 2 electric screwdriver		

Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
Continuous current rating of cross-connection WQV 4 multipole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
for TS 35 / Beige Wernid			

Type

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1

TSch 1	031916	100
--------	--------	-----

Q 2

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

WQV 4/2

WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1

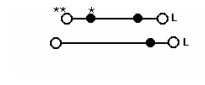
WAW 1	900450	1
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WEW 35 / 2

WEW 35 / 2	106120	50
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DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/L/L



31 A/4 mm ²	
31 A/4 mm ²	
6/90/48.7	
8 mm/M 2.5/3**/3.5 x 0.6	

IEC 60 947-7-1	
400 V/24 A/2.5/4** mm ²	
400 V/6 kV/3	

Tightening torque range		Nm
Torque setting with DMS 2 electric screwdriver		

Clampable conductor	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size
Continuous current rating of cross-connection Q, multipole	A
Continuous current rating of cross-connection WQV 4 multipole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	
for TS 35 / Beige Wernid			

Type

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1

TSch 1	031916	100
--------	--------	-----

Q 2

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

WQV 4/2

WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1

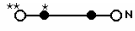
WAW 1	900450	1
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WEW 35 / 2

WEW 35 / 2	106120	50
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DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/N



32 A/4 mm²
UL @ IEC GOST
 6/90/48.7
 8 mm/M 2.5/3**/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4** mm²
 400 V/6 kV/3

0.5...0.6
1
0.5...4/6**
1.5...4/6**
0.5...4/6**
0.5...4/4**
0.5...4/4**
A 3/A 4**
24
32
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
103010 50
(N-connection coded blue)

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

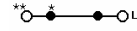
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/L



32 A/4 mm²
UL @ IEC GOST
 6/90/48.7
 8 mm/M 2.5/3**/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4** mm²
 400 V/6 kV/3

0.5...0.6
1
0.5...4/6**
1.5...4/6**
0.5...4/6**
0.5...4/4**
0.5...4/4**
A 3/A 4**
24
32
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
103040 50

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

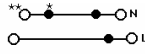
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/N/L



31 A/4 mm²
UL @ IEC GOST
 6/90/48.7
 8 mm/M 2.5/3**/3.5 x 0.6

IEC 60 947-7-1
 400 V/24 A/2.5/4** mm²
 400 V/6 kV/3

0.5...0.6
1
0.5...4/6**
1.5...4/6**
0.5...4/6**
0.5...4/4**
0.5...4/4**
A 3/A 4**
24
31
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
103000 50
(N-connection coded blue)

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

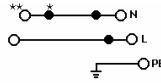
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/N/L/PE



31 A/4 mm²
UL @ IEC GOST
 6/90/48.7
 8 mm/M 2.5/3**/3.5 x 0.6

250V/400V/24 A/2.5/4** mm²
 250V/400 V/4 kV/3

0.5...0.6
1
0.5...4/6**
1.5...4/6**
0.5...4/6**
0.5...4/4**
0.5...4/4**
A 3/A 4**
24
31 (Center supply 40A)
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
102990 50
(N-connection coded blue)

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

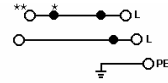
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WDL 2.5/L/L/PE



31 A/4 mm²
UL @ IEC GOST
 6/90/48.7
 8 mm/M 2.5/3**/3.5 x 0.6

250V/400V/24 A/2.5/4** mm²
 250V/400 V/4 kV/3

0.5...0.6
1
0.5...4/6**
1.5...4/6**
0.5...4/6**
0.5...4/4**
0.5...4/4**
A 3/A 4**
24
31
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
103020 50

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20

TSch 1 **031916** 100

Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20

WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20

WAW 1 **900450** 1

WEW 35 / 2 **106120** 50

DEK 6	046866	500
DEK 6	046876	500
WS 8/5	164074	720
WS 8/5	158008	200

WTR 4



24 A/2.5 mm ²
6/60/47
13 mm/M 3/3.5 x 0.6
400 V/24 A/4 mm ²
6 kV/3
0.4...0.8 / 0.5...0.6**
2
1...6
1.5...6
1...4
1...4
1...4
1...6
A 4
32
Approvals pending
Approvals pending
Cat. No. Qty.
with StB 791021 0000 50
without StB 791018 0000 50
with StB 791022 0000 50
without StB 791019 0000 50

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10 BL	105008	50
WTW 2.5-10	105010	20
ZQV 4N/2	175825	60
ZQV 4N/3	176263	60
ZQV 4N/4	176262	60
ZQV 4N/10	175826	20
ZQV 4N/41	175827	10
QB75/6.2/15	053520	10
ISPF QB75 SW	052670	10
ISPF QB75 BL	052678	10
ISPF QB75 RT	052676	10
PS 2.3 (ø 2.3)	018040	20
SDIZ	900845	1
SIHA2/G20 ⁶⁾	Cat. No. Qty.	
250 AC/DC	953760	25
10...36 AC/DC	953761	25
35...70 AC/DC	953762	25
60...150 AC/DC	953763	25
140...250 AC/DC	953764	25
WSD 2.5	105846	25
WSD 2.5	105856	25
WSD 2.5	105866	25
WSD 2.5	105876	25
DEK 6	046866	500
DEK 6	046876	500
WS 12/6	160990	600
WS 12/6	144766	200

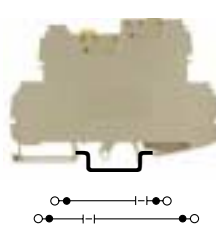
WTR 2.5/ZZ



14 A/1.5 mm ²		
5/60/49		
7 mm/M 3/3.5 x 0.6		
400 V/14* A/2.5 mm ²		
6 kV/3		
0.5...0.6		
2		
0.5...4		
1.5...4		
0.5...2.5		
0.5...2.5		
0.5...2.5 ¹⁾		
0.13...4		
A 3		
24		
Approvals pending		
Approvals pending		
Cat. No. Qty.		
2 StB 2.3**	103990	100
2 StB 2.3**	103998	100

Type	Cat. No.	Qty.
WAP WTR2.5/ZZ	107460	20
WAP WTR2.5/ZZ	107468	20
ZQV 2.5/2	160886	60
ZQV 2.5/3	160887	60
ZQV 2.5/4	160888	60
ZQV 2.5/5	160889	20
ZQV 2.5/6	160890	20
ZQV 2.5/7	160891	20
ZQV 2.5/8	160892	20
ZQV 2.5/9	160893	20
ZQV 2.5/10	160894	20
PS 2.3 (ø 2.3)	018040	20
SDIZ	900845	1
WSD 2.5	105846	25
WSD 2.5	105856	25
WSD 2.5	105866	25
WSD 2.5	105876	25
DEK 5	047346	500
DEK 5	047356	500
WS 8/5	164074	720
WS 8/5	158008	200

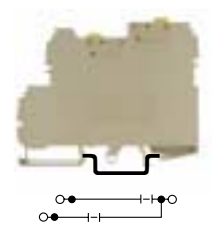
WDTR 2.5



10 A/1.5 mm ²		
6.2/94/69		
8 mm/M 3/3.5 x 0.6		
400 V/13* A/2.5 mm ²		
4 kV/3		
0.5...0.6		
2		
0.5...4		
1.5...4		
0.5...2.5		
0.5...2.5		
0.5...2.5		
0.13...4		
A 3		
24		
Approvals pending		
Approvals pending		
Cat. No. Qty.		
2 StB 2.3**	952807	25
2 StB 2.3**	952808	25

Type	Cat. No.	Qty.
WAP WDTR 2.5	106780	20
ZQV 1.5/50 BL	163328	5
ZQV 1.5/50 RT	163329	5
ZQV 1.5/50 SW	163512	5
PS 2.3 (ø 2.3)	018040	20
SDIZ	900845	1
without LED ³⁾	953755	25
with LED ³⁾ Qty.	953756	25
	953757	25
	953758	25
	953759	25
WSD 2.5	105846	25
WSD 2.5	105856	25
WSD 2.5	105866	25
WSD 2.5	105876	25
DEK 6.5	046816	-
DEK 6.5	046826	-
WS 12/6	160990	600
WS 12/6	144766	200

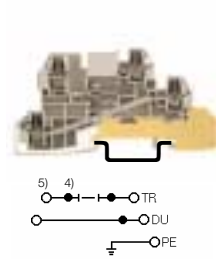
WDTR 2.5/WE



10 A/1.5 mm ²		
6.2/81/69		
8 mm/M 3/3.5 x 0.6		
400 V/10* A/2.5 mm ²		
4 kV/3		
0.5...0.6		
2		
0.5...4		
1.5...4		
0.5...2.5		
0.5...2.5		
0.5...2.5		
0.13...4		
A 3		
24		
Approvals pending		
Approvals pending		
Cat. No. Qty.		
2 StB 2.3**	952809	25
2 StB 2.3**	952810	25

Type	Cat. No.	Qty.
WAP WDTR 2.5	106780	20
ZQV 1.5/50 BL	163328	5
ZQV 1.5/50 RT	163329	5
ZQV 1.5/50 SW	163512	5
PS 2.3 (ø 2.3)	018040	20
SDIZ	900845	1
without LED ³⁾	953755	25
with LED ³⁾ Qty.	953756	25
	953757	25
	953758	25
	953759	25
WSD 2.5	105846	25
WSD 2.5	105856	25
WSD 2.5	105866	25
WSD 2.5	105876	25
DEK 6.5	046816	500
DEK 6.5	046826	500
WS 12/6	160990	600
WS 12/6	144766	200

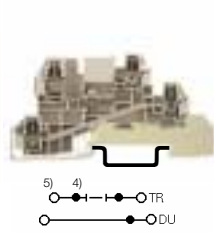
WDL 2.5TR-DU-PE



29 A/4 mm ²		
6/90/48.7		
8 mm/M 2.5/3**/3.5 x 0.6		
250 V/24 A/2.5/4** mm ²		
250 V/4 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...4		
0.5...4		
0.13...4		
A 3		
20		
40		
Approvals pending		
Approvals pending		
Cat. No. Qty.		
102981	102981	50

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20
Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20
WAW 1	900450	1

WDL 2.5TR-DU



31 A/4 mm ²		
6/90/48.7		
8 mm/M 2.5/3**/3.5 x 0.6		
250 V/24 A/2.5/4** mm ²		
250 V/4 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...4		
0.5...4		
0.13...4		
A 3		
20		
40		
Approvals pending		
Approvals pending		
Cat. No. Qty.		
102982	102982	50

Type	Cat. No.	Qty.
WAP WDL 2.5	106780	20
Q 2	107150	50
Q 3	107160	50
Q 4	107170	50
Q 10	107180	20
Q 20	107420	20
WQV 4/2	105196	50
WQV 4/3	105456	50
WQV 4/4	105466	50
WQV 4/10	105206	20
WAW 1	900450	1

³⁾ Fuse holder only for upper level ⁴⁾ Cross-connection WQV 4 ⁵⁾ 4/6 mm² connection ⁶⁾ with LED

Disconnect test terminal blocks

WDT 1.5/1

with space-saving TOP-connection

WDT 1.5/2

with space-saving TOP-connection

WDT 1.5/3

with space-saving TOP-connection



Dimensions / Approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data

Rated voltage/rated current/rated cross-section
Rated impulse voltage VDE 0110/1.89 /pollution severity

Further technical data

Tightening torque range Nm
Torque setting with DMS 2 electric screwdriver

Clampable conductor

Solid H07V-U mm²
Stranded H07V-R mm²
Flexible H07V-K mm²
Flexible H07V-K with ferrule according to DIN 46 228/1 mm²
Flexible H07V-K and ferrules with plastic insul. collar mm²
Max. clamping range in mm², Gauge pin to IEC 60 947-1 Size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

UL/CSA rated data

Voltage/current/conductor size UL
Voltage/current/conductor size CSA

Ordering data

Version
Dark beige/yellow Wemid
Beige/yellow PA
Blue/lightblue PA

Test plug

PS

UL ☉ GOST

6.5/112/67
10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²
4 kV/3

0.4...0.6 Nm
1

0.5...2.5
1.5...2.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 A 2

150 V/10 A/26...14 AWG
150 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
	101580	25
	101586	25

Type	Cat. No.	Qty.
PS 2.3	018040	20

UL ☉ GOST

6.5/112/67
10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²
4 kV/3

0.4...0.6 Nm
1

0.5...2.5
1.5...2.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 A 2

150 V/10 A/26...14 AWG
150 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
	101590	25
	101556	25

Type	Cat. No.	Qty.
PS 2.3	018040	20

UL ☉ GOST

6.5/112/67
10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm²
4 kV/3

0.4...0.6 Nm
1

0.5...2.5
1.5...2.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 A 2

150 V/10 A/26...14 AWG
150 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
	101600	25
	101576	25
	101616	25

Type	Cat. No.	Qty.
PS 2.3	018040	20

Switching examples

WDT 1.5/...

Disconnect test terminals

W-series

The WDT 1.5 enables the disconnection of one and two pole signal wires. By simply operating the selection switch, insulation and current measurements can be performed.

- quick and reliable conductor connection thanks to TOP connection with open terminal point
- test point via plug socket
- clear colour coding of conductor connection, test point and switch position
- non-symmetrical shape enhances mounting rail orientation
- high distortion stiffness thanks to dual shell enclosed terminal carrier

WDT 1.5/1

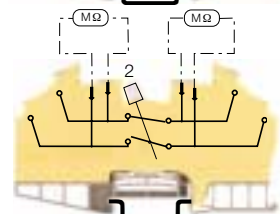
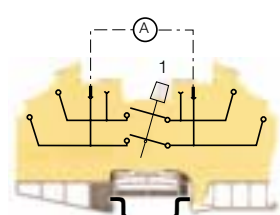
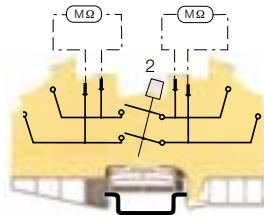
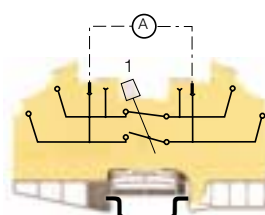
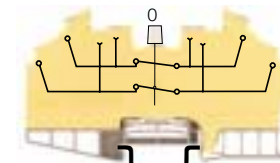
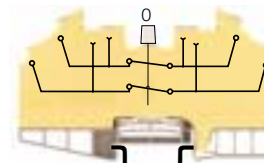
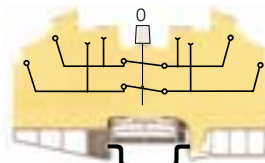
with space-saving TOP connection

WDT 1.5/2

with space-saving TOP connection

WDT 1.5/3

with space-saving TOP connection



Marking tags

Print

	DEK	Consecutive horizontal
	DEK	Consecutive vertical
	WS	blank
	DEK	WS
	WS	printed

DEK 6.5	046816	500
DEK 6.5	046826	500
WS 8/5	164074	720
WS 8/5	158008	200

DEK 6.5	046816	500
DEK 6.5	046826	500
WS 8/5	164074	720
WS 8/5	158008	200

DEK 6.5	046816	500
DEK 6.5	046826	500
WS 8/5	164074	720
WS 8/5	158008	200

Mounting rails, end brackets further marking materials see section "Accessories"

Fuse terminal blocks

Note:
With blown fuse the follow on circuit is still under current.
Disconnect lever to open circuit.

WTR 2.5/SI with fuse holder* for G fuse cartridges 5 x 20



WTR 4/SI



Max. technical data

Dimensions/Approvals		6.3 A/-	6.3 A/-		
Width/length/height (mm)	with TS 35 x 7.5	5/60/83	6/60/82		
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2.5/3.5 x 0.6	13 mm/M 3/3.5 x 0.6		
Rated data terminal base					
Rated voltage/rated current/rated cross-section		400 V/6.3 A/1/2.5 mm ²	400 V/6.3 A/1/4 mm ²		
Rated impulse voltage VDE 0100/1.89/pollution severity		6 kV/3	6 kV/3		
Further technical data					
Tightening torque range	Nm	0.4...0.8	0.5...1.0		
Torque setting with DMS 2 electric screwdriver		1/2	2		
Clampable conductor					
Solid H07V-U	mm ²	0.5...4	1...6		
Stranded H07V-R	mm ²	1.5...4	1.5...6		
Flexible H07V-K	mm ²	0.5...2.5	1...4		
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...2.5	1...4		
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...2.5	1...4		
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size	0.13...4 A 3	1...6 A 4		
Continuous current rating of cross-connection 2-pole	A		32		
Continuous current rating of cross-connection multipole	A	26	32		
UL/CSA rated data					
Voltage/current/conductor size	UL				
Voltage/current/conductor size	CSA				

Ordering data	Version	Type			Type		
		Cat. No.	Qty.		Cat. No.	Qty.	
	Beige Wemid	400 V	176394	25	WTR 4 SI	791024 0000	25
	Beige Wemid/LED	10-36 V	176395	25	10-36 V	791437 0000	25
	Beige Wemid/LED	35-70 V	176396	25	35-70 V	791438 0000	25
	Beige Wemid/LED	60-150 V	176397	25	60-150 V	791439 0000	25
	Beige Wemid/LED	140-250 V	176398	25	140-250 V	791440 0000	25

Partition/End plate	Type	Cat. No. Qty.		Type	Cat. No. Qty.	
WTW	WAP	WAP 2.5-10	105000 50	WAP 2.5-10	105000 50	
Thickness 1.5 mm	Thickness 1.5 mm	WAP 2.5-10 BL	105008 50	WAP 2.5-10 BL	105008 50	
		WTW 2.5-10	105010 20	WTW 2.5-10	105010 20	

Cross-connection		Type		Type	
QL 2	021580 100	ZQV 4N/2	175825 60		
QL 3	021590 100	ZQV 4N/3	176263 60		
QL 4	021600 50	ZQV 4N/4	176262 60		
QL 10	033800 20	ZQV 4N/10	175826 60		
BS-M 3x5	105210 100	ZQV 4N/41	175827 60		
WQB B 24	157906 20	QB 75/6.2/15	053520 20		
		ISPF QB75 SW	052670 20		
		ISPF QB75 BL	052678 20		
		ISPF QB75 RT	052676 20		
Notching tool for QL WAW 2	WAW 2	900451	1		

G fuse cartridges 5 x 20 mm ²		Type		Type	
to DIN 41 660 IEC 127 BL 1	Rated current (A): 0.10 rapid blow	043030	10	043030	10
	0.20 rapid blow	043040	10	043040	10
	0.25 rapid blow	043050	10	043050	10
(at 250 V, 50 Hz, cos Ω = 0.7)	0.50 rapid blow	043060	10	043060	10
	1.0 rapid blow	043070	10	043070	10
	1.6 rapid blow	043080	10	043080	10
	2.0 rapid blow	043090	10	043090	10
	2.5 rapid blow	043100	10	043100	10
G fuse cartridges 5 x 30 mm	3.15 rapid blow	043110	10	043110	10
(500 V~/0.032...6.3 A).	4.0 rapid blow	043120	10	043120	10
Available from Fa. Wickmann-Werke GmbH,	5.0 rapid blow	043130	10	043130	10
Annenstr. 113, 58453 Witten, Tel. 02302/6620	6.3 rapid blow	043140	10	043140	10

Marking tags		Print		Type		Type	
DEK	Consecutive horizontal	DEK 5	047346 500	DEK 6	046866 500		
DEK	Consecutive vertical	DEK 5	047356 500	DEK 6	046876 500		
WS	Blank	WS 12/6.5	160992 540	WS 12/6	160990 600		
DEK	Printed	WS 12/6.5	156895 100	WS 12/6	155766 200		

Mounting rails, end brackets, further marking material see section "Accessories"

¹⁾ Maximum power loss 1.6 W

²⁾ Note power loss of fuse cartridge up to 1.6 Watt

Fuse terminal blocks

Note:
With blown fuse the follow on circuit is still under current.
Disconnect lever to open circuit.

WSI 6
for metric fuses



WSI 6 LD
with LED indicator for metric fuses for DC or AC voltage (see note)



WSI 6 2 LD
with 2 LED's for metric fuses for DC voltage (see note)



Max. technical data

Dimensions/Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data terminal base	
Rated voltage/rated current/rated cross-section	500 V/6.3 A/1/6 mm ²
Rated impulse voltage VDE 0100/1.89/pollution severity	6 kV/3

Further technical data	
Tightening torque range	Nm 0.8...1.6
Torque setting with DMS 2 electric screwdriver	3

Clampable conductor	
Solid H07V-U	mm ² 0.5...10
Stranded H07V-R	mm ² 1.5...10
Flexible H07V-K	mm ² 0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ² 0.5...6
Flexible H07V-K and ferrules with plastic insul. collar	mm ² 0.5...6
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size 0.5...10 A 5
Continuous current rating of cross-connection 2-pole	A 26
Continuous current rating of cross-connection multipole	A 26

UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/10 A/20...8 AWG
Voltage/current/conductor size	CSA 300 V/10 A/20...8 AWG

Ordering data	Version	Cat. No.	Qty.
	Beige Wemid	101100	50
	Beige Wemid/LED		
	Beige Wemid/LED	102820	50
	Beige Wemid/LED		
	Beige Wemid/LED		
	Beige Wemid/LED		
Replacement lever	Beige Wemid/without LED		
	Beige Wemid/LED	103660	50
	Beige Wemid/LED		
	Beige Wemid/LED		

Partition/End plate	
WTW	WAP
Thickness 1.5 mm	Thickness 1.5 mm

Cross-connection	
	QL 2-10
	QL 2 019430 50
	QL 3 019440 50
	QL 4 019450 50
	QL 10 033830 20
	BS-M 3x5 105210 100
	PS 2.3 018040 20
	WAW 2 900451 1
	054690 10
	051030 10
	064640 10
	026580 10
	019310 10
	019270 10
	019280 10
	019290 10

G fuse cartridges 5 x 25 mm with indicator²⁾	
to DIN 41 576	Rated current (A): 0.2 med. blow
Rated voltage 250 V	0.5 med. blow
	0.8 med. blow
	1 med. blow
	10 med. blow
	2 rapid blow
	4 rapid blow
	6.3 rapid blow

G fuse cartridges 5 x 20 mm²⁾	
to DIN 41 660 IEC 127 BL 1	Rated current (A): 0.10 rapid blow
Rated voltage 250 V	0.20 rapid blow
Switching capacity 1500 A	0.25 rapid blow
(at 250 V, 50 Hz, cos Ω = 0.7)	0.50 rapid blow
	1.0 rapid blow
	1.6 rapid blow
	2.0 rapid blow
	2.5 rapid blow
	3.15 rapid blow
	4.0 rapid blow
	5.0 rapid blow
	6.3 rapid blow

G fuse cartridges 5 x 30 mm (500 V~/0.032...6.3 A). Available from Fa. Wickmann-Werke GmbH, Annenstr. 113, 58453 Witten, Tel. 02302/6620

6.3 A/-	UL CSA IEC UL GOST LR DNV
8/60/60	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A/1/6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5

300 V/10 A/20...8 AWG	
300 V/10 A/20...8 AWG	

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20
*)		
QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1
	054690	10
	051030	10
	064640	10
	026580	10
	019310	10
	019270	10
	019280	10
	019290	10

6.3 A/-	UL CSA IEC UL GOST LR UL
8/60/70	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A/1/6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5

300 V/10 A/20...8 AWG	
300 V/10 A/20...8 AWG	

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20
*)		
QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1
	054690	10
	051030	10
	064640	10
	026580	10
	019310	10
	019270	10
	019280	10
	019290	10

6.3 A/-	UL CSA IEC UL GOST LR UL
8/60/70	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A/1/6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5

300 V/10 A/20...8 AWG	
24 V/10 A/20...8 AWG	

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20
*)		
QL 2	019430	50
QL 3	019440	50
QL 4	019450	50
QL 10	033830	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1
	054690	10
	051030	10
	064640	10
	026580	10
	019310	10
	019270	10
	019280	10
	019290	10

*) Add partition to last WSI 6

1) Maximum power loss 1.6 W

2) Note power loss of fuse cartridge up to 1.6 Watt

Fuse terminal blocks

Note:
With blown fuse the follow on circuit is still under current.
Disconnect lever to open circuit.

Max. technical data

Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

Rated data terminal base

Rated voltage/rated current/rated cross-section

Rated impulse voltage VDE 0100/1.89/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule according to DIN 46 228/1 mm²

Flexible H07V-K and ferrules with plastic insul. collar mm²

Max. clamping range in mm², Gauge pin to IEC 60 947-1 Size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Version

Beige Wemid

Beige Wemid/LED

Beige Wemid/LED

Beige Wemid/LED

Beige Wemid/LED

Partition/End plate

WTW

WAP

Thickness 1.5 mm

Thickness 1.5 mm

Cross-connection

QL 2-10

G fuse cartridges 5 x 25 mm with indicator²⁾

to DIN 41 576 Rated current (A): 0.2 med. blow

Rated voltage 250 V 0.5 med. blow

0.8 med. blow

1 med. blow

10 med. blow

2 rapid blow

4 rapid blow

6.3 rapid blow

G fuse cartridges 5 x 20 mm³⁾

to DIN 41 660 IEC 127 BL 1 Rated current (A): 0.10 rapid blow

Rated voltage 250 V 0.20 rapid blow

Switching capacity 1500 A 0.25 rapid blow

(at 250 V, 50 Hz, cos Ω = 0.7) 0.50 rapid blow

1.0 rapid blow

1.6 rapid blow

2.0 rapid blow

2.5 rapid blow

G fuse cartridges 5 x 30 mm 3.15 rapid blow

(500 V -/0.032...6.3 A) 4.0 rapid blow

Available from Fa. Wickmann-Werke GmbH, 5.0 rapid blow

Annenstr. 113, 58453 Witten, Tel. ++492302-6620 6.3 rapid blow

Marking tags

Print

DEK Consecutive horizontal

DEK Consecutive vertical

WS Blank

DEK WS Printed

Mounting rails, end brackets, further marking material see section "Accessories"

WSI 6/2¹⁾ for inch fuses



10 A/-	
12/60/67	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A ²⁾ /6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5
26	

600 V/16 A/20...8 AWG	
600 V/16 A/20...8 AWG	

	Cat. No. Qty.
Beige Wemid	101400 25

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20

QL 2	047070	50
QL 3	047080	50
QL 4	047090	50
QL 10	047100	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1

Fuse cartridges	
1/4" x 1 1/4" (6.3 x 32)	
Rated voltage 440 V	
E 2 A	029450 10
E 3 A	029570 10
E 5 A	029460 10
E 7 A	029580 10
E 10 A	029390 10
043030	10

G-fuse cartridges
1/4" x 1 1/4" (6.3 x 32)
(250 V 0.05...6.3 A)
available from Firma ELU
Inselstraße 18
44143 Dortmund
++49231 - 557030-0.

DEK	047346	500
DEK	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WSI 6/2¹⁾ with LED for VAC/VDC inch fuse (see note)



10 A/-	
12/60/79	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A ²⁾ /6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5
26	

600 V/16 A/20...8 AWG	
10-220 V/16 A/20...8 AWG	

	Cat. No. Qty.
14 V-/10-28 V-	101410 25
15-30 V-/30-60 V-	101420 25
40-60 V-/80-120 V-	101430 25
110 V-/220 V-	101440 25

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20

QL 2	047070	50
QL 3	047080	50
QL 4	047090	50
QL 10	047100	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1

Fuse cartridges	
1/4" x 1 1/4" (6.3 x 32)	
Rated voltage 440 V	
E 2 A	029450 10
E 3 A	029570 10
E 5 A	029460 10
E 7 A	029580 10
E 10 A	029390 10

G-fuse cartridges
1/4" x 1 1/4" (6.3 x 32)
(250 V 0.05...6.3 A)
available from Firma ELU
Inselstraße 18
44143 Dortmund
++49231 - 557030-0.

DEK	047346	500
DEK	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

WSI 6/2¹⁾ with 2 LED's for VDC inch fuse (see note)



10 A/-	
12/60/79	
12 mm/M 3.5/4.0 x 0.8	

500 V/6.3 A ²⁾ /6 mm ²	
6 kV/3	

0.8...1.6	
3	

0.5...10	
1.5...10	
0.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	A 5
26	

600 V/16 A/20...8 AWG	
24 V/16 A/20...8 AWG	

	Cat. No. Qty.
24 V-	101450 25

Type	Cat. No.	Qty.
WAP	105000	50
WTW 2.5-10	105010	20

QL 2	047070	50
QL 3	047080	50
QL 4	047090	50
QL 10	047100	20
BS-M 3x5	105210	100
PS 2.3	018040	20
WAW 2	900451	1

Fuse cartridges	
1/4" x 1 1/4" (6.3 x 32)	
Rated voltage 440 V	
E 2 A	029450 10
E 3 A	029570 10
E 5 A	029460 10
E 7 A	029580 10
E 10 A	029390 10

G-fuse cartridges
1/4" x 1 1/4" (6.3 x 32)
(250 V 0.05...6.3 A)
available from Firma ELU
Inselstraße 18
44143 Dortmund
++49231 - 557030-0.

DEK	047346	500
DEK	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

^{*)} Add partition to last WSI 6

¹⁾ Rated thermal current to VDE 0611 = 6.3 A, when used as a short-circuit fuse up to 15 A.

²⁾ Maximum power loss 1.6 W

³⁾ Note power loss of fuse cartridge up to 1.6 Watt

Fuse terminal blocks

SAKS 4/35

for D 01-fuse **E 14**

SAKS 2/35

for D-fuse **E 16**

SAKS 5/35

for D 02-fuse **E 18**



Note:
With blown fuse the follow on circuit is still under current.
Disconnect lever to open circuit.

Max. technical data

Dimensions/Approvals		SAKS 4/35	SAKS 2/35	SAKS 5/35
Width/length/height (mm)	with TS 35 x 7.5	24/75/66	28/80/75	28/80/66
Insulation stripping length/clamping screw/screwdriver blade		14 mm/M 4/5.5 x 1	12 mm/M 4/5.5 x 1	13 mm/M 4/5.5 x 1
Rated data terminal base				
Rated voltage/rated current/rated cross-section		400 V- ⁴⁾ /16 A/10 mm ²	500 V- ⁵⁾ /10 (25 A ⁵⁾ /10 mm ²	400 V- ⁴⁾ /63 A/16 mm ²
Rated impulse voltage VDE 0100/1.89/pollution severity		6 kV/3	6 kV/3	6 kV/3
Further technical data				
Tightening torque range	Nm	1.2...2.4	1.2...2.4	1.2...2.4
Torque setting with DMS 2 electric screwdriver		4	4	4
Clampable conductor				
Solid H07V-U	mm ²	0.5...16	0.5...16	1.5...16
Stranded H07V-R	mm ²	1.5...10	0.5...10	1.5...16
Flexible H07V-K	mm ²	0.5...10	0.5...10	1.5...16
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...10	0.5...10	1.5...16
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...10	0.5...10	1.5...16
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size	0.33...16 B 6	0.33...16 B 6	1.5...16 B 7
Continuous current rating of cross-connection 2-pole	A	(QL 2...5) 47	(QL 2...5) 47	(QL 2...5) 47
Continuous current rating of cross-connection multipole	A	(QL 6...10) 36	(QL 6...10) 36	(QL 6...10) 36

UL/CSA rated data

Voltage/current/conductor size	UL			
Voltage/current/conductor size	CSA			

Ordering data

Version	Cat. No.	Qty.	Version	Cat. No.	Qty.	Version	Cat. No.	Qty.	
Beige Wemid	Wemid beige KrG	050180	20	Wemid beige KrG	136870	20	Wemid beige KrG	050210	20
Beige Wemid/LED	Neozed D 01			Diazed E 16			Neozed D 02		

Partition/End plate

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WTW	105880	20	WTW	105880	20	WTW	105880	20

Cross-connection

QL 2-10	QL 2	Cat. No.	Qty.	QL 2	Cat. No.	Qty.	QL 2	Cat. No.	Qty.
	QL 2	032800	20	QL 2	020780	20	QL 2	020780	20
	QL 3	032810	20	QL 3	020790	20	QL 3	020790	20
	QL 4	032820	20	QL 4	020800	20	QL 4	020800	20
	QL 10	033900	20	QL 10	033890	20	QL 10	033890	20
	BS M 4x9	010330	100	BS M 4x9	010330	100	BS M 4x9	010330	100
	SS M 4	013640	100	SS M 4	013640	100	SS M 4	013640	100

Notching tool for QL WAW 2

G fuse cartridges 5 x 25 mm with indicator³⁾

to DIN 41 576	Rated current (A):	med. blow	Fuse cartridges D 01	Fuse cartridges D	Fuse cartridges D 02
Rated voltage 250 V	0.2	med. blow	Rated voltage 380 V	Rated voltage 380 V	Rated voltage 500 V
	0.5	med. blow	E 14/2	E 10 A	E 18/20
	0.8	med. blow	E 14/4	E 16 A	E 18/25
	1	med. blow	E 14/6	E 20 A	E 18/35
	10	med. blow	E 14/10	E 25 A	E 18/50
	2	rapid blow	E 14/16		E 18/63
	4	rapid blow			
	6.3	rapid blow			

G fuse cartridges 5 x 20 mm³⁾

to DIN 41 660 IEC 127 BL 1	Rated current (A):	0.10 rapid blow	Gauge rings	Gauge rings	Gauge rings
Rated voltage 250 V	0.20	rapid blow	P 14/2		
Switching capacity 1500 A	0.25	rapid blow	P 14/4		
(at 250 V, 50 Hz, cos Ω = 0.7)	0.50	rapid blow	P 14/6		
	1.0	rapid blow	P 14/10	P 16/10	
	1.6	rapid blow		P 16/16	
	2.0	rapid blow		P 16/20	
	2.5	rapid blow			P 18/20
	3.15	rapid blow			P 18/25
G fuse cartridges 5 x 30 mm	4.0	rapid blow			P 18/35
(500 V- ⁴⁾ /0.032...6.3 A).	5.0	rapid blow			P 18/50
Available from Fa. Wickmann-Werke GmbH,	6.3	rapid blow			
Annenstr. 113, 58453 Witten, Tel. ++492302-6620			Screw cap (spare)	Screw cap (spare)	Screw cap (spare)
			SK	SK	SK

Marking tags

DEK	Print	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500
	Consecutive horizontal	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500
	Consecutive vertical	WS 12/6.5	160992	540	WS 12/6.5	160992	540	WS 12/6.5	160992	540
	Blank	WS 12/6.5	156895	100	WS 12/6.5	156895	100	WS 12/6.5	156895	100
	Printed									

Mounting rails, end brackets, further marking material see section "Accessories"

⁴⁾ Also for 400 V- with Neozed-marine fuse

⁵⁾ Current for overload upto 10 A, for short-current upto 25 A

Terminal blocks for temperature measuring circuits

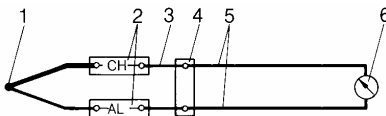
WDU 2.5/TC



Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width: 10 mm

Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor) 4 Reference junction
 2 Thermocouple terminals 5 Supply conductors (to and from)
 3 Compensating conductor 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature circuit.

Technical data

Thermocouple to IEC 584 (DIN 43 710)

Busbar	
	Cromel Alumel
	Copper Constantan
	Iron Constantan
	E-Copper A-Copper
	S-Copper/ E-Copper
	Cromel- Constantan

Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 10/60/50.5
 Insulation stripping length/clamping screw/screwdriver blade 10 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage/rated current/rated cross-section $-/-/2.5 \text{ mm}^2$
 Rated impulse voltage VDE 0110/1.89/pollution severity

Further technical data

Tightening torque range Nm 0.4...0.6
 Torque setting with DMS 2 electric screwdriver 1

Clampable conductor

Solid H07V-U	mm ²	0.5...2.5
Stranded H07V-R	mm ²	1.5...2.5
Flexible H07V-K	mm ²	0.5...2.5
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...2.5
Solid H07V-K and ferrules with plastic insul. collar	mm ²	0.5...2.5
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size	0.13...4 A 2
Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	

UL/CSA rated data

Voltage/current/conductor size UL
 Voltage/current/conductor size CSA

Ordering data

Version

for Thermocouple to IEC 584 (DIN 43710)	Type	Material
Type K	NiCr – Ni	
Type T	Cu – CuNi	
Type J	Fe – CuNi	
Type S a. R	Pt 10% – Pt Rh/Pt 13% – Pt Rh	
Type B	Pt 30% Rh – Pt 6% Rh	
Type E	NiCr – CuNi	
Type N	NiSiI – Nicrosil	

End plate/Partition

Type	Cat. No.	Qty.
WAP (Thickness 1.5 mm) Beige Wernid	105000	50
WTW (Thickness 1.5 mm) Beige Wernid	105010	20

Type	Cat. No.	Qty.

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WTW 2.5-10	105010	20

Marking tags

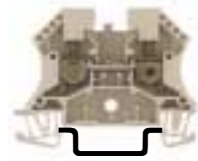
Marking tags	Print
	DEK Consecutive horizontal
	DEK Consecutive vertical
	WS Blank
	DEK WS Printed

DEK 5	047346	500
DEK 5	047356	500
WS 12/5	160986	720
WS 12/5	144746	200

Mounting rails, end brackets, further marking material see section "Accessories"

Feed-through terminals with WSA plug adaptor

WDU 4 SA



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 6/60/47
 Insulation stripping length/clamping screw/screwdriver blade 10 mm/M 3/3.5 x 0.6

Rated data

Rated voltage/rated current/rated cross-section 400 V/34 A/4 mm²
 Rated impulse voltage VDE 0110/1.89/pollution severity 6 kV/3

Further technical data

Tightening torque range Nm 0.5...1.0
 Torque setting with DMS 2 electric screwdriver 2

Clampable conductor

Solid H07V-U mm² 0.5...6
 Stranded H07V-R mm² 1.5...6
 Flexible H07V-K mm² 0.5...4
 Flexible H07V-K and ferrule according to DIN 46 228/1 mm² 0.5...4
 Flexible H07V-K and ferrules with plastic insul. collar mm² 0.5...4
 Max. clamping range in mm², Gauge pin to IEC 60 947-1 Size 0.13...6 A 4
 Continuous current rating of cross-connection 2-pole A
 Continuous current rating of cross-connection multipole A

UL/CSA rated data

Voltage/current/conductor size UL 300 V/25 A/22...12 AWG
 Voltage/current/conductor size CSA 300 V/~22...12 AWG

Ordering data

Beige Wernid
 Blue Wernid

UL/CSA

6/60/47
 10 mm/M 3/3.5 x 0.6

400 V/34 A/4 mm²
 6 kV/3

0.5...1.0
 2

0.5...6
 1.5...6
 0.5...4
 0.5...4
 0.5...4
 0.13...6 A 4

300 V/25 A/22...12 AWG
 300 V/~22...12 AWG

Type	Cat. No.	Qty.
	102110	100
	102118	100

End plate

WAP
 (Thickness 1.5 mm)

Partition

WTW (Thickness 1.5 mm)

Cross-connection

Screen lug LS 2.8

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WAP 2.5-10	105008	50

Type	Cat. No.	Qty.
WTW 2.5-10	105010	20
WTW 2.5-10	105018	20

Type	Cat. No.	Qty.
LS 2.8	105640	50

Plug adaptor WSA 2

380 V~/10 A/1.5 mm²

Version with crimp connection

Green

WSA 2 ¹⁾	050236 ³⁾	20
WSA 2 ²⁾	052976 ³⁾	20
WSA 2 ²⁾	052965 ³⁾	20

Version with screw connection TOP-system

Green

WSA 2 ²⁾	052956 ⁴⁾	20
WSA 2 TOP ¹⁾	133396 ³⁾	20
WSA 2 TOP ²⁾	133386 ³⁾	20
WSA 2 TOP ²⁾	133405 ³⁾	20
WSA 2 TOP ²⁾	133376 ⁴⁾	20

Covers



AH 2/3	053166	20
AH 2/4	040536	20
AH 2/5	040556	20
AH 2/8	040576	20
AH 2/10	040596	20
AH 2/12	040616	20

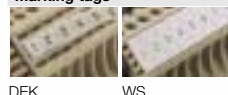
Crimping contact 0.5–1.5 mm²



Individual
 Continuous strip on reel

C 1 E/L*	019850	200
C 1 R/L	019900	250

Marking tags



DEK	WS	Print
DEK	Consecutive horizontal	DEK 6
DEK	Consecutive vertical	DEK 6
WS	Blank	WS 12/6
WS	Printed	WS 12/6

DEK 6	046866	500
DEK 6	046876	500
WS 12/6	160990	600
WS 12/6	144766	200

Mounting rails, end brackets, further marking material see section "Accessories"

* Crimping tool
 Type CZ 22E 056040
¹⁾ With hook
²⁾ Without hook
³⁾ With dovetail
⁴⁾ Without dovetail

Feed through terminals

with retrofitting electronic components

WPO 4



Max. technical data

Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 6/60/47
 Insulation stripping length/clamping screw/screwdriver blade 9 mm/M 3/3.5 x 0.6

Rated data IEC 60 947-7-1

Rated voltage/rated current/rated cross-section 250 V/32 A/4 mm²
 Rated impulse voltage VDE 0100/1.89/pollution severity 4 kV/3

Further technical data

Tightening torque range Nm 0.5...1.0
 Torque setting with DMS 2 electric screwdriver 2

Clampable conductor

Solid H07V-U mm² 0.5...4
 Stranded H07V-R mm² 1.5...4
 Flexible H07V-K mm² 0.5...4
 Flexible H07V-K and ferrule according to DIN 46 228/1 mm² 0.5...4
 Flexible H07V-K and ferrules with plastic insul. collar mm² 0.5...4
 Max. clamping range in mm², Gauge pin to IEC 60 947-1 Size 0.13...4 A 3

Wire diameter electrical component mm 0.8...1.0 mm

UL/CSA rated data

Voltage/current/conductor size UL 300 V/10 A/26...12 AWG
 CSA

Ordering data

Beige Wernid

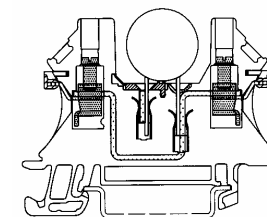
Barrier



Thickness 2.5 mm

Busbar

SSch 7.3x1.2 107120 1 m



WPO 4 with fitted varistor
 Weidmüller varistor terminals have been designed for retrofitting electronic components, e. g. varistors, diodes, gas discharge tubes, etc. These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.

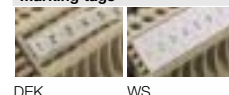
The significant advantages of this new design are:

- **Cost saving**
 Components can be changed quickly on site
 Service is limited to visual inspection
- **Clarity:**
 Components are easy to distinguish.
- **Flexibility:**
 Components can immediately be adapted to changed conditions

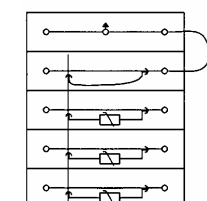
Note:

Never change electronic components in energised systems

Marking tags



DEK	WS	Print
DEK	Consecutive horizontal	DEK 6
DEK	Consecutive vertical	DEK 6
WS	Blank	WS 12/6
WS	Printed	WS 12/6



Overvoltage in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

Reihenklammern with Steckanschluß für Steckverbinder BLA/BLZ



WDU 1.5/BLA



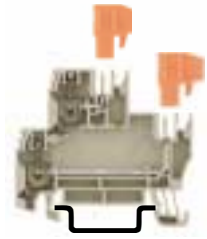
WDU 1.5/LD/BLA with LED red



WDU 1.5/R/BLA Negative return conductor in blue



WDK 2.5/BLA R 5.08 250 V



Dimensions/Approvals		UL		UL		UL			
Width/length/height (mm)	with TS 35 x 7.5	5.08/45.4/57.5 ¹⁾ /45.0/55.5*		5.08/45.4/57.5 ¹⁾ /45.0/55.5*		5.08/45.4/57.5 ¹⁾ /45.0/55.5*		5.08/58/53/63.5*	
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2.5/3.5 x 0.6		10 mm/M 2.5/3.5 x 0.6		10 mm/M 2.5/3.5 x 0.6		12 mm/M 2.5/3.5 x 0.6	
Rated data									
Rated voltage/rated current/rated cross-section		250 V/10 (2x8) A/1.5 mm ²		– V/10 (2x8) A/1.5 mm ²		– V/– A/1.5 mm ²		250 V/17.5 ²⁾ A/2.5 mm ²	
Rated impulse voltage VDE 0100/1.89/pollution severity		4 kV/3						4 kV/3	
Further technical data									
Tightening torque range		Nm 0.4...0.6		0.4...0.6		0.4...0.6		0.4...0.6	
Torque setting with DMS 2 electric screwdriver		1		1		1		1	
Clampable conductor									
Solid H07V-U		mm ² 0.5...4/2.5		0.5...4/2.5		0.5...4/2.5		0.5...4/2.5	
Stranded H07V-R		mm ² 1.5...2.5/1.5		1.5...2.5/1.5		1.5...2.5/1.5		1.5...2.5/1.5	
Flexible H07V-K		mm ² 0.5...2.5/1.5		0.5...2.5/1.5		0.5...2.5/1.5		0.5...2.5/1.5	
Flexible H07V-K and ferrule according to DIN 46 228/1		mm ² 0.5...2.5/1.5		0.5...2.5/1.5		0.5...2.5/1.5		0.5...2.5/1.5	
Flexible H07V-K and ferrules with plastic insul. collar		mm ² 0.5...2.5/1.5 ¹⁾		0.5...2.5/1.5 ¹⁾		0.5...2.5/1.5 ¹⁾		0.5...2.5/1.5 ¹⁾	
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1		Size 0.13...4 A 3/A 1		0.13...4 A 3/A 1		0.13...4 A 3/A 1		0.13...4 A 3/A 1	
Continuous current rating of cross-connection 2-pole		A 35		35		35		–	
Continuous current rating of cross-connection multipole		A 35		35		35		–	
UL/CSA rated data									
Voltage/current/conductor size		UL 300 V/20 (2x10) A/26...16 AWG		300 V/20 (2x10) A/26...16 AWG		300 V/20 (2x10) A/26...16 AWG			
Voltage/current/conductor size		CSA 300 V/10 A/26...12 AWG		12...110 V/10 A/26...12 AWG		–/–/26...12 AWG			
Ordering data		Type		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.	
		Standard		157726 100				103810 100	
		Blue				157731 100			
		With LED red				12 V– 157727 100			
		With LED red				24 V– 157728 100			
		With LED red				48 V– 157729 100			
		With LED red							
Fixed-pole blocks on request									
End plate/Fixing bracket**		Type		Cat. No. Qty.		Type		Cat. No. Qty.	
WAP (Thickness 2.5 mm)		With pin 157732 50		With pin 157732 50		With pin 157732 50		With pin 107010 20	
WBB orange (Thickness 5 mm)		Without pin 157733 50		Without pin 157733 50		Without pin 157733 50		Without pin 107000 20	
		With pin 106826 10		With pin 106826 10		With pin 106826 10		With pin 107276 10	
		Without pin 106816 10		Without pin 106816 10		Without pin 106816 10		Without pin 107266 10	
Cross-connection								Cross-connection comb. insul.	
WQV		WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		WQB A/2 157895 50	
		WQV 2.5/3 106376 50		WQV 2.5/3 106376 50		WQV 2.5/3 106376 50		WQB A/3 157896 50	
		WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		WQB A/4 157897 50	
		WQV 2.5/10 105446 20		WQV 2.5/10 105446 20		WQV 2.5/10 105446 20		WQB A/10 157899 20	
Notching tool WAW 1 for WQV		WAW 1 900450 1		WAW 1 900450 1		WAW 1 900450 1			
Negative conductor-busbar									
0.5 x 4 x 120 mm				ML-SSch 106320 3		ML-SSch 106320 3			
Cover for unassigned pins									
WAD 5/2		157740 20		157740 20		157740 20		157740 20	
Coding element									
		SLA-KO 132356 100		SLA-KO 132356 100		SLA-KO 132356 100		SLA-KO 132356 100	
Socket strips		No. poles							
BLA 2...24		BLA 2...24 B 4		BLA 4 128196 100		BLA 4 128196 100		BLA 4 128196 100	
BLZ 2...24		BLZ 2...24 B 6		BLA 6 128216 50		BLA 6 128216 50		BLA 6 128216 50	
		with lateral dovetail 8		BLA 8 128236 50		BLA 8 128236 50		BLA 8 128236 50	
		guide 4		BLA 4 B 135626 100		BLA 4 B 135626 100		BLA 4 B 135626 100	
		6		BLA 6 B 135646 50		BLA 6 B 135646 50		BLA 6 B 135646 50	
		8		BLA 8 B 135666 50		BLA 8 B 135666 50		BLA 8 B 135666 50	
Marking tags		Print							
DEK		Consecutive horizontal		DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500	
DEK		Consecutive vertical		DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500	
WS		Blank		WS 12/5 160986 720		WS 12/5 160986 720		WS 12/5 160986 720	
DEK		Printed		WS 12/5 144746 200		WS 12/5 144746 200		WS 12/5 144746 200	
WS									

* With BLA

** Set for screwing the connector to the terminal strip

¹⁾ Ferrules with optimum diameter for terminals with 5 mm pitch: Cat. No. 133310

²⁾ 20°C ambient temperature

WDU 1.5/BLZ 5.08

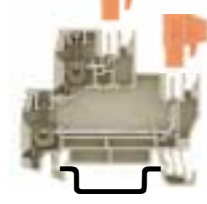
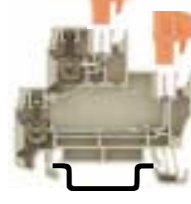
WDU 1.5/BLZ/LD/5.08
with LED red

WDU 1.5/BLZ/R 5.08
Negative return conductor in blue

WDK 2.5/BLZ R 5.08
250 V

WDU 2.5/BLZ R 7.62
400 V

WDK 2.5/BLZ R 7.62
400 V



UL	5.08/45.4/57.5*/45.0/55.5 10 mm/M 2.5/3.5 x 0.6
250 V/10 (2x8) A/1.5 mm ² 4 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 ¹⁾	
0.13...4 A 3/A 3	
35	
35	
300 V/20 (2 x 10) A/26...16 AWG	
300 V/10 A/26...12 AWG	
Cat. No. Qty.	
157734 100	
159690 100	

UL	5.08/45.4/57.5*/45.0/55.5* 10 mm/M 2.5/3.5 x 0.6
- V/10 (2x8) A/1.5 mm ²	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 ¹⁾	
0.13...4 A 3/A 3	
35	
35	
300 V/20 (2 x 10) A/26...16 AWG	
12...110 V/10 A/26...12 AWG	
Cat. No. Qty.	
12 V- 157735 100	
24 V- 157736 100	
48 V- 157737 100	
110 V- 157738 100	

UL	5.08/45.4/57.5*/45.0/55.5* 10 mm/M 2.5/3.5 x 0.6
- V- A/1.5 mm ²	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 ¹⁾	
0.13...4 A 3/A 3	
35	
35	
300 V/20 (2 x 10) A/26...16 AWG	
-/26...12 AWG	
Cat. No. Qty.	
157739 100	

UL	5.08/58/53/63.5* 12 mm/M 2.5/3.5 x 0.6
250 V/18 ²⁾ A/2.5 mm ² 4 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 ¹⁾	
0.13...4 A 3/A 3	
-	
-	
300 V/10 A/26...12 AWG	
Cat. No. Qty.	
103440 100	

	7.62/45.4/57.5*/45.0/55.5 10 mm/M 2.5/3.5 x 0.6
400 V/24(2x12) ²⁾ (2x8) A/1.5 mm ² 6 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.13...4 A 3/A 3	
35	
35	
Cat. No. Qty.	
103890 100	

	7.62/58/53/63.5* 12 mm/M 2.5/3.5 x 0.6
400 V/20 ²⁾ A/2.5 mm ² 6 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.13...4 A 3/A 3	
-	
-	
Cat. No. Qty.	
103850 100	

Type	Cat. No.	Qty.
With pin	157732	50
Without pin	157733	50
With pin	106826	10
Without pin	106816	10
WQV 2.5/2	105366	50
WQV 2.5/3	106376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WAW 1	900450	1
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	152666	100
BLZ 6	152686	50
BLZ 8	152706	50
BLZ 4 B	152896	100
BLZ 6 B	152916	50
BLZ 8 B	152936	50

Type	Cat. No.	Qty.
With pin	157732	50
Without pin	157733	50
With pin	106826	10
Without pin	106816	10
WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WAW 1	900450	1
ML-SSch	106320	3
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	152666	100
BLZ 6	152686	50
BLZ 8	152706	50
BLZ 4 B	152896	100
BLZ 6 B	152916	50
BLZ 8 B	152936	50

Type	Cat. No.	Qty.
With pin	157732	50
Without pin	157733	50
With pin	106826	10
Without pin	106816	10
WQV 2.5/2	105366	50
WQV 2.5/3	105376	50
WQV 2.5/4	105386	50
WQV 2.5/10	105446	20
WAW 1	900450	1
ML-SSch	106320	3
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	152666	100
BLZ 6	152686	50
BLZ 8	152706	50
BLZ 4 B	152896	100
BLZ 6 B	152916	50
BLZ 8 B	152936	50

Type	Cat. No.	Qty.
With pin	107010	20
Without pin	107000	20
With pin	107276	10
Without pin	107266	10
Cross-connection comb. insul.		
WQB A/2	157895	50
WQB A/3	157896	50
WQB A/4	157897	50
WQB A/10	157899	20
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	152666	100
BLZ 6	152686	50
BLZ 8	152706	50
BLZ 4 B	152896	100
BLZ 6 B	152916	50
BLZ 8 B	152936	50

Type	Cat. No.	Qty.
With pin	157732	50
Without pin	157733	50
With pin	107360	10
Without pin	107350	10
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	162307	100
BLZ 6	162309	50
BLZ 8	162311	50
BLZ 4 B	162340	100
BLZ 6 B	162342	50
BLZ 8 B	162344	50

Type	Cat. No.	Qty.
With pin	107010	20
Without pin	107000	20
With pin	107296	10
Without pin	107286	10
WAD 5/2	157740	20
BLZ-KO	154571	100
BLZ 4	162307	100
BLZ 6	162309	50
BLZ 8	162311	50
BLZ 4 B	162340	100
BLZ 6 B	162342	50
BLZ 8 B	162344	50

DEK 5	047346	500
DEK 5	047356	500
WS 12/5	160986	720
WS 12/5	144746	200

DEK 5	047346	500
DEK 5	047356	500
WS 12/5	160986	720
WS 12/5	144746	200

DEK 5	047346	500
DEK 5	047356	500
WS 12/5	160986	720
WS 12/5	144746	200

DEK 5	047346	500
DEK 5	047356	500
WS 12/5	160986	720
WS 12/5	144746	200

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

DEK 5	047346	500
DEK 5	047356	500
WS 12/6.5	160992	540
WS 12/6.5	156895	100

* With BLZ

²⁾ 20°C ambient temperature

Feed-through terminal blocks

WDU 2.5 F

WDU 2.5 FF

WDK 2.5 F

WDK 2.5 FV



Max. technical data

Dimensions/Approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/rated current/rated cross-section	500 V m. IH/12 (2x6) A
Rated voltage clamping yoke	2.5 mm ²
Rated voltage 2.8 mm push-on tab/solder connection	1 / - mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3



Further technical data	
Tightening torque range	Nm 0.4...0.8
Torque setting with DMS 2 electric screwdriver	1

Clampable conductor	
Solid H07V-U	mm ² 0.5...4
Stranded H07V-R	mm ² 0.5...2.5
Flexible H07V-K	mm ² 0.5...2.5
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ² 0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ² 0.5...2.5 ¹⁾
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size 0.13...4 A 3
Continuous current rating of cross-connection 2-pole	A 12
Continuous current rating of cross-connection multipole	A 12

UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/10 A/22...12 AWG
Voltage/current/conductor size	CSA 300 V/10 A/26...12 AWG




Ordering data	Version	
	Beige Wemid	
	Beige Wemid	
	Beige Wemid	
	Beige Wemid	
	Blue Wemid	


End plate/Partition	
 WAP (Thickness 3 mm) Wemid	Wemid
 WAP 2.5 (Thickn. 1.5 mm) Blue Wemid	Blue Wemid
 WTW (Thickness 1.5 mm) Wemid	Wemid

Cross-connection	
WAV	Screen lug LS 2.8
	

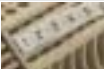

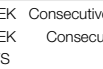

Notching tool for WAV	WAW 1
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Test adaptor	
 WTA	TA 1
	Strain relief



Test plug/Sockets/Insulating sleeves		
PS 2.3	StB 8.5	Insulating sleeves
		



Cover	
	WAD with symbol
	WAD white for self-labeling



Group marking		
WT 4	T 5	WGB
		
Tag carrier for S 10 makers		



Marking tags	Print	
	DEK	Consecutive horizontal
	DEK	Consecutive vertical
	WS	Blank
	WS	Printed

Mounting rails, end brackets, further marking material see section "Accessories"

12 A/-	
5/60/47	
10 mm/M 2.5/3.5 x 0.6	
500 V m. IH/12 (2x6) A	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
Nm 0.4...0.8	
1	
mm ² 0.5...4	
mm ² 0.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5 ¹⁾	
Size 0.13...4	A 3
A 12	
A 12	
UL 300 V/10 A/22...12 AWG	
CSA 300 V/10 A/26...12 AWG	
	Cat. No. Qty.
	102180 100
Type	Cat. No. Qty.
WAP 2.5-10	105000 50
WAP 2.5-10	105008 50
WTW 2.5-10	105010 20
WTW 2.5-10	105018 20
WAV 2.5/2	105366 50
WAV 2.5/3	105376 50
WAV 2.5/4	105386 50
WAV 2.5/10	105446 20
WQB B/24	157906 20
LS 2.8	105640 50
WAW 1	900450 1
TA 1	053586 20
IH 2.8	038606 100
ADP 2	048530 20x1m
HP 2	048566 20
T 5	034850 100
SF 10	033240 1000
SG 10	033250 1000
DEK	047346 500
DEK	047356 500
WS 12/5	160986 720
WS 12/5	144746 200

12 A/-	
5/60/47	
10 mm/-	
500 V m. IH/12 (2x6) A	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
Nm 0.4...0.6	
1	
mm ² 0.5...4/1	
mm ² 1.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5 ¹⁾	
Size 0.13...4	A 3
A 12	
A 12	
UL 300 V/10 A/22...12 AWG	
CSA 300 V/10 A/26...12 AWG	
	Cat. No. Qty.
	102190 100
Type	Cat. No. Qty.
WAP 2.5-10	105000 50
WAP 2.5-10	105008 50
WTW 2.5-10	105010 20
WTW 2.5-10	105018 20
WAV 2.5/2	105366 50
WAV 2.5/3	105376 50
WAV 2.5/4	105386 50
WAV 2.5/10	105446 20
WQB A/24	157900 20
LS 2.8	105640 50
WAW 1	900450 1
TA 1	053586 20
IH 2.8	038606 100
ADP 2	048530 20x1m
HP 2	048566 20
WT 4	134106 100
SF 10	033240 1000
SG 10	033250 1000
DEK	047346 500
DEK	047356 500
WS 12/5	160986 720
WS 12/5	144746 200

12 A/-	
5/69/63	
10 mm/M 2.5/3.5 x 0.6	
400 V m. IH/12 (2x6) A/2.5	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
Nm 0.4...0.6	
1	
mm ² 0.5...4/1	
mm ² 1.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5 ¹⁾	
Size 0.13...4	A 3
A 32	
A 32	
UL 300 V/10 A/22...12 AWG	
CSA 300 V/10 A/26...12 AWG	
	Cat. No. Qty.
	102160 100
Type	Cat. No. Qty.
WAP	105910 20
WAP	105918 20
WTW (Ex) e	105880 20
WAV 2.5/2	105366 50
WAV 2.5/3	105376 50
WAV 2.5/4	105386 50
WAV 2.5/10	105446 20
WQB A/24	157900 20
LS 2.8	105640 50
WAW 1	900450 1
TA 1	053586 20
IH 2.8	038606 100
ADP 3	048540 20x1m
HP 3	048576 20
WT 4	134106 100
SF 10	033240 1000
SG 10	033250 1000
DEK	047346 500
DEK	047356 500
WS 8/5	164074 720
WS 8/5	158008 200

12 A/-	
5/69/63	
10 mm/M 2.5/3.5 x 0.6	
400 V m. IH/12 (2x6) A/2.5	
2.5 mm ²	
1 / - mm ²	
6 kV/3	
Nm 0.4...0.6	
1	
mm ² 0.5...4/1	
mm ² 1.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5	
mm ² 0.5...2.5 ¹⁾	
Size 0.13...4	A 3
A 32	
A 32	
UL 300 V/10 A/22...12 AWG	
CSA 300 V/10 A/26...12 AWG	
	Cat. No. Qty.
	102240 100
Type	Cat. No. Qty.
WAP	105910 20
WAP	105918 20
WTW (Ex) e	105880 20
WAV 2.5/2	105366 50
WAV 2.5/3	105376 50
WAV 2.5/4	105386 50
WAV 2.5/10	105446 20
WQB A/24	157900 20
LS 2.8	105640 50
WAW 1	900450 1
TA 1	053586 20
IH 2.8	038606 100
ADP 3	048540 20x1m
HP 3	048576 20
WT 4	134106 100
SF 10	033240 1000
SG 10	033250 1000
DEK	047346 500
DEK	047356 500
WS 8/5	164074 720
WS 8/5	158008 200

¹⁾ Ferrules with optimum diameter for terminals with 5 mm pitch: Cat. No. 133310

WDK 2.5 FF



WDK 2.5 FFV



**WDK 2.5 T
WDK 2.5 TT**



WDU 2.5 T



**WDU 2.5 L
WDU 2.5 LL**



**WTR 2.5 L
WTR 2.5 LL**



12 A/-		12 A/-		10 A/-		10 A/-		15 A/-		10 A/-	
5/75/63		5/75/63		5/69/63/78		5/60/47/70		5/60/64/47		5/60/64/47	
300 V m. IH/12 (2x6) A		300 V m. IH/12 (2x6) A		10 mm/M 2.5/3.5 x 0.6		10 mm/M 2.5/3.5 x 0.6		10 mm/M 2.5/3.5 x 0.6		10 mm/M 2.5/3.5 x 0.6	
1 / - mm ²		1 / - mm ²		125 V/10 A		125 V/10 A/2.5 mm ²		400 V/15 A/2.5		400 V/14 A	
6 kV/3		6 kV/3		2.5 mm ²		2.5 mm ²		2.5 mm ²		2.5 mm ²	
				2.5 kV/3		2.5 kV/3		- / 1.5 mm ²		- / 1.5 mm ²	
				0.4...0.6		0.4...0.8		0.4...0.8		0.4...0.8	
				1		1		1		1	
				0.5...4		0.5...4		0.5...4/1.5		0.5...1.5	
				1.5...4		1.5...4		0.5/1.5...4/1.5		1.5	
0.5...1		0.5...1		0.5...4		0.5...4		0.5...4/1.5		0.5...1.5	
				0.5...2.5		0.5...2.5		0.5...2.5		0.5...2.5	
				0.5...2.5 ¹⁾		0.5...2.5 ¹⁾		0.5...2.5 ¹⁾		0.5...2.5 ¹⁾	
				0.13...4		0.13...4		0.13...4		0.13...4	
12		12		A 3		A 3		A 3		A 3	
12		12		32		32		15		26	
300 V/10 A/22...12 AWG		300 V/10 A/22...12 AWG		32		32		15		26	
300 V/10 A/26...12 AWG		300 V/10 A/26...12 AWG									
Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.		Cat. No. Qty.	
102170 100		102250 100		right pin 0.8x1.6 se 102380 100		left pin 1x1 102200 100		Screw - Solder 102210 100		Screw - Solder 101380 100	
				right pin 0.8x2.4 se 102390 100		right pin 1x1 102270 100		Solder - Solder 102220 100		Solder - Solder 101390 100	
				right + left 0.8x2.4 se 157720 100		left pin 0.8x2.4 se 102120 100					
						left pin 0.8x2.4 wa 103690 100					
102178 100											
Type Cat. No. Qty.		Type Cat. No. Qty.		Type Cat. No. Qty.		Type Cat. No. Qty.		Type Cat. No. Qty.		Type Cat. No. Qty.	
WAP 105910 20		WAP 105910 20		WAP 2.5-10 105910 50		WAP 2.5-10 105000 50		WAP 2.5-10 105000 50		WAP 2.5-10 105000 50	
WAP 105918 20		WAP 105918 20		WAP 2.5-10 105918 50				WAP 2.5-10 105008 50		WAP 2.5-10 105008 50	
WTW (Ex) e 105880 20		WTW (Ex) e 105880 20		WTW 2.5-10 105010 20				WTW 2.5-10 105010 20		WTW 2.5-10 105010 20	
				WTW 2.5-10 105018 20				WTW 2.5-10 105018 20		WTW 2.5-10 105018 20	
WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		WQV 2.5/2 105366 50		QL 2 021586 100	
WQV 2.5/3 105376 50		WQV 2.5/3 105376 50		WQV 2.5/3 105376 50		WQV 2.5/3 105376 50		WQV 2.5/3 105376 50		QL 3 021590 100	
WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		WQV 2.5/4 105386 50		QL 4 021600 50	
WQV 2.5/10 105446 20		WQV 2.5/10 105446 20		WQV 2.5/10 105446 50		WQV 2.5/10 105446 50		WQV 2.5/10 105446 50		QL 10 033800 20	
LS 2.8 105640 50		LS 2.8 105640 50		LS 2.8 105640 50		LS 2.8 105640 50		LS 2.8 105640 50			
WAW 1 900450 1		WAW 1 900450 1		WAW 1 900450 1		WAW 1 900450 1		WAW 1 900450 1			
TA 1 053586 20		TA 1 053586 20		TA 1 053586 20		WTA 5/1 105126 25		WTA 2 163232 50			
								WTA 2/ZA 163233 50			
								WTA 2/10 163234 5			
								ZE 1 163215 50			
IH 2.8 038606 100		IH 2.8 038606 100									
				PS 2.3 (ø 2.3) 018040 20		PS 2.3 (ø 2.3) 018040 20		PS 2.3 (ø 2.3) 018040 20			
				StB 8.5 (ø 2.3) 021570 50		StB 8.5 (ø 2.3) 021570 50		StB 8.5 (ø 2.3) 021570 50			
ADP 3 048540 20x1m		ADP 3 048540 20x1m									
HP 3 048576 20		HP 3 048576 20									
								WAD 5 105346 50			
								WAD 5 white 105606 50			
WT 4 134106 100		WT 4 134106 100		WT 4 134106 100		WT 4 134106 100		WGB 5 105076 50			
SF 10 033240 1000		SF 10 033240 1000		SF 10 033240 1000		SF 10 033240 1000		T 5 034850 100		T 5 034850 100	
SG 10 033250 1000		SG 10 033250 1000		SG 10 033250 1000		SG 10 033250 1000		SF 10 033240 1000		SF 10 033240 1000	
								SG 10 033250 1000		SG 10 033250 1000	
DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500		DEK 5 047346 500	
DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500		DEK 5 047356 500	
WS 8/5 164074 720		WS 8/5 164074 720		WS 8/5 164074 720		WS 12/5 160986 720		WS 12/5 160986 720		WS 12/5 160986 720	
WS 8/5 158008 200		WS 8/5 158008 200		WS 8/5 158008 200		WS 12/5 144746 200		WS 12/5 144746 200		WS 12/5 144746 200	

Feed through terminals

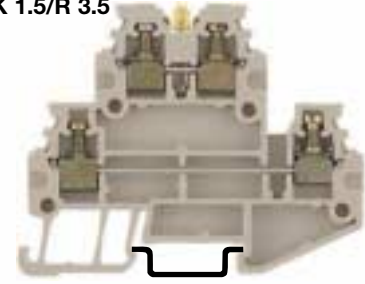


WDU 1.5/R 3.5



Pict. original size

WDK 1.5/R 3.5



Pict. original size

Dimensions/Approvals	
Width/length/height (mm)	with TS 15 x 7.5
Insulation stripping length/screw size/screw slot size	
Rated data to VDE 0611 Part 1/IEC 60 947-7-1	
Rated voltage/rated current/rated cross-section	400 V/17.5 A/1.5 mm ²
Rated impulse voltage/pollution severity	4 kV/3
Further technical data	
Tightening torque range	Nm 0.27
Clampable conductor	
Solid H07V-U	mm ² 0.5...1.5
Stranded H07V-R	mm ² 1.5
Flexible H07V-K	mm ² 0.5...1.5
Flexible and ferrules according to DIN 46 228/1	mm ² 0.5...1.5
Flexible and ferrules with insulation collar	mm ² 0.5
Plug gauge according to IEC 60 947-7-1	Size A 1
UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/10 A/26...14 AWG
Voltage/current/conductor size	CSA 300 V/10 A/26...14 AWG
Ordering data	
	Version
	Beige Wemid
	Blue Wemid
End plate/Partition	
WAP	(Thickness 1.5 mm) Beige Wemid

UL/CSA		Cat. No.		Qty.
3.5/24.5/25				
7 (-1) mm/M 2/0.4 x 2.5				
400 V/17.5 A/1.5 mm ²				
4 kV/3				
0.27				
0.5...1.5				
1.5				
0.5...1.5				
0.5...1.5				
0.5				
A 1				
300 V/10 A/26...14 AWG				
300 V/10 A/26...14 AWG				
TS15				
WDU 1.5/R 3.5		175328		100
WDU 1.5/R 3.5 BL		175417		100
Type				
WAP WDU 1.5/R3.5		175419		20

UL/CSA		Cat. No.		Qty.
3.5/46.5/38.5				
7 (-1) mm/M 2/0.4 x 2.5				
400 V/16 A/1.5 mm ²				
4 kV/3				
0.27				
0.5...1.5				
1.5				
0.5...1.5				
0.5...1.5				
0.5				
A 1				
300 V/10 A/26...14 AWG				
300 V/10 A/26...14 AWG				
TS15				
WDK 1.5/R 3.5		175329		100
WDK 1.5/R 3.5 BL		175418		100
Type				
WAP WDK 1.5/R3.5		175420		20

Cross-connection	
ZQV	
2-pole	ZQV 1.5/R3.5/2 GE
3-pole	ZQV 1.5/R3.5/3 GE
4-pole	ZQV 1.5/R3.5/4 GE
5-pole	ZQV 1.5/R3.5/5 GE
6-pole	ZQV 1.5/R3.5/6 GE
7-pole	ZQV 1.5/R3.5/7 GE
8-pole	ZQV 1.5/R3.5/8 GE
9-pole	ZQV 1.5/R3.5/9 GE
10-pole	ZQV 1.5/R3.5/10 GE
30-pole	ZQV 1.5/R3.5/30 GE
Screwdriver	
SDI	

Marking tags		Print
	Consecutive vertical	
	Consecutive horizontal	

SDI		Cat. No.		Qty.
0.4 x 2.5				
900837				1

ZQV		Cat. No.		Qty.
ZQV 1.5/R3.5/2 GE		175421		60
ZQV 1.5/R3.5/3 GE		175422		60
ZQV 1.5/R3.5/4 GE		175423		60
ZQV 1.5/R3.5/5 GE		175424		20
ZQV 1.5/R3.5/6 GE		175425		20
ZQV 1.5/R3.5/7 GE		175426		20
ZQV 1.5/R3.5/8 GE		175427		20
ZQV 1.5/R3.5/9 GE		175428		20
ZQV 1.5/R3.5/10 GE		175429		20
ZQV 1.5/R3.5/30 GE		175430		10

DEK		Cat. No.		Qty.
5/3.5 FS 1-10		176232 0001		500
5/3.5 FS 11-20		176232 0011		500
5/3.5 FS 21-30		176232 0021		500
5/3.5 FS 31-40		176232 0031		500
5/3.5 FS 41-50		176232 0041		500
5/3.5 FS 51-60		176232 0051		500
5/3.5 FS 61-70		176232 0061		500
5/3.5 FS 71-80		176232 0071		500
5/3.5 FS 81-90		176232 0081		500
5/3.5 FS 91-100		176232 0091		500
5/3.5 MC blank		175527 0000		500
5/3.5 MC GW 1		175528 0001		500
5/3.5 MC GW 2		175528 0002		500
5/3.5 MC GW 3		175528 0003		500
5/3.5 MC GW 4		175528 0004		500
5/3.5 MC GW 5		175528 0005		500
5/3.5 MC GW 6		175528 0006		500
5/3.5 MC GW 7		175528 0007		500
5/3.5 MC GW 8		175528 0008		500
5/3.5 MC GW 9		175528 0009		500
5/3.5 MC GW 0		175528 1000		500

DEK		Cat. No.		Qty.
5/3.5 FS 1-10		176232 0001		500
5/3.5 FS 11-20		176232 0011		500
5/3.5 FS 21-30		176232 0021		500
5/3.5 FS 31-40		176232 0031		500
5/3.5 FS 41-50		176232 0041		500
5/3.5 FS 51-60		176232 0051		500
5/3.5 FS 61-70		176232 0061		500
5/3.5 FS 71-80		176232 0071		500
5/3.5 FS 81-90		176232 0081		500
5/3.5 FS 91-100		176232 0091		500
5/3.5 MC blank		175527 0000		500
5/3.5 MC GW 1		175528 0001		500
5/3.5 MC GW 2		175528 0002		500
5/3.5 MC GW 3		175528 0003		500
5/3.5 MC GW 4		175528 0004		500
5/3.5 MC GW 5		175528 0005		500
5/3.5 MC GW 6		175528 0006		500
5/3.5 MC GW 7		175528 0007		500
5/3.5 MC GW 8		175528 0008		500
5/3.5 MC GW 9		175528 0009		500
5/3.5 MC GW 0		175528 1000		500

Mounting rails, end brackets, further marking material see section "Accessories"

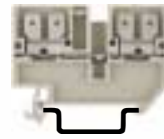
Feed through terminals with tab connection

AST 1

AST 4

AST 5

SAK 4 S/35 SAK 4 SS/35

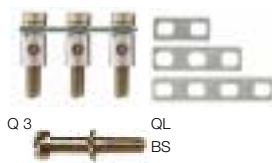


Dimensions/Approvals		AST 1	AST 4	AST 5	SAK 4 S/35 SAK 4 SS/35	
Width/length/height (mm)	with TS 35 x 7.5	6.5/58/46	6.5/40/40	6.5/58/46	6.5/40/49.5	
Insulation stripping length/clamping screw/screwdriver blade			9 mm/M 2.5/3.5 x 0.6	12 mm/M 3/3.5 x 0.6	12 mm/M 3/3.5 x 0.6	
Rated data						
Rated voltage/rated current/rated cross-section		500 V ¹⁾ / - /2.5	500 V ¹⁾ / - /2.5	500 V ¹⁾ / - /2.5	500 V ¹⁾ /16 A/2.5	
Rated voltage clamping yoke			2.5 mm ²	4 mm ²	4 mm ²	
Rated voltage 6.3/2.8 mm push-on tab		2.5 / 1 mm ²	2.5 / 1 mm ²	2.5 / 1 mm ²	2.5 / 1 mm ²	
Rated impulse voltage VDE 0110/1.89/pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3	
Further technical data						
Tightening torque range			0.4...0.7	0.5...1.0	0.5...1.0	
Torque setting with DMS 2 electric screwdriver			1	2	2	
Clampable conductor						
Solid H07V-U			0.5...4	0.5...6	0.5...6	
Stranded H07V-R			1.5...2.5	1.5...2.5	1.5...2.5	
Flexible H07V-K			0.5...2.5	0.5...4	0.5...4	
Flexible H07V-K and ferrule according to DIN 46 228/1			0.5...2.5	0.5...4	0.5...4	
Plug gauge according to IEC 60 947-7-1			A 2	A 4	A 4	
Continuous current of cross-connection 2-pole		A	(QL 2...10) 36	(QL 2...10) 36	(QL 2...10) 36	
UL/CSA rated data						
Voltage/current/conductor size						
Voltage/current/conductor size						
Ordering data		Version	Cat. No.	Qty.	Cat. No.	Qty.
Slotted beige Wernid			069960	50	046040	100
Unslotted beige Wernid			066480	50	047940	100
SAK 4 S (screw-/tab-connection = s)			066490	50	063030	100
SAK 4 SS (tab-/tab-connection = ss)			069970	50	063040	100
					064690	100

End plate/Partition/Small partition (Thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Beige Wernid		AP (1.5)	026640	20	AP (1.5)	046049	20	AP (1.5)	026640	20	AP (1.5)	010510	20
Beige PA		TSch 1	031916	100	TSch 1	031916	100	TSch 1	031916	100	TSch 1	031916	100



Cross-connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
2-pole		Q 2	033670	50	Q 2	033670	50	Q 2	033670	50	QL 2	013060	100
3-pole		Q 3	033680	50	Q 3	033680	50	Q 3	033680	50	QL 3	013070	100
4-pole		Q 4	033690	50	Q 4	033690	50	Q 4	033690	50	QL 4	013080	50
10-pole		Q 10	036880	20	Q 10	036880	20	Q 10	036880	20	QL 10	033820	20



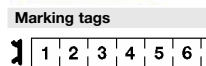
Plug adaptor		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
2-pole		STA 2.5/2	016586	100									
3-pole		STA 2.5/3	016596	50									
4-pole		STA 2.5/4	019036	50									
5-pole		STA 2.5/5	016606	50									
8-pole		STA 2.5/8	016616	50									



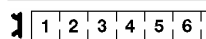
Test plug/Socket		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Plug test socket without using QL for TS 32		StB 14	016860	50	StB 14	016860	50	StB 14	016860	50			
PS		PS 2.3	018040	20	PS 2.3	018040	20	PS 2.3	018040	20			



Insulating sleeves		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
IH 2.8		IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100	IH 2.8	038606	100
IH 6.3		IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100	IH 6.3	038626	100



Marking tags		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Consecutive horizontal		DEK 6.5	046816	500	DEK 6	046866	500	DEK 6.5	046816	500	DEK 6.5	046816	500

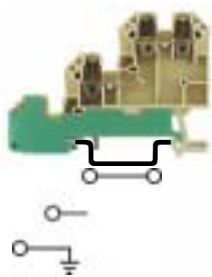


Mounting rails, end brackets, further marking material see section "Accessories"

¹⁾ With insulating sleeve

²⁾ Touch safe with ADP4 cover

DLA 2.5



GA GOST
6/65/49
7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...2.5
0.5...2.5
A 3
20 A/2.5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG

Cat. No.	Qty.
156597	100

(without dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20

TSch 1	031916	100
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StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

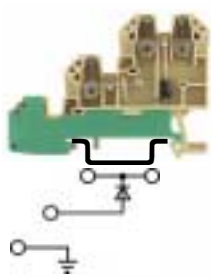
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 6 FW	046866	500
DEK 6 FS	046876	500

DLA 2.5/D



GA GOST
6/65/49
7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...2.5
0.5...2.5
A 3
20 A/2.5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG

Cat. No.	Qty.
157840	100

(without dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20

TSch 1	031916	100
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StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

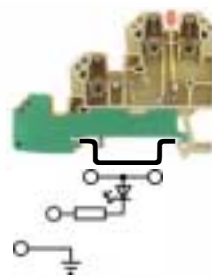
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 6 FW	046866	500
DEK 6 FS	046876	500

DLA 2.5/LD



GA GOST
6/65/49
7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm²
0.8 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...2.5
0.5...2.5
A 3
20 A/2.5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG

Cat. No.	Qty.
157843	100
157844	100

(without dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20

TSch 1	031916	100
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StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

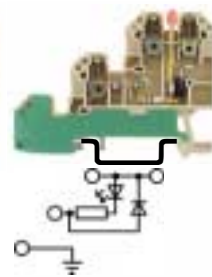
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 6 FW	046866	500
DEK 6 FS	046876	500

DLA 2.5/LD/D



GA GOST
6/65/49
7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm²
0.8 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...2.5
0.5...2.5
A 3
20 A/2.5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG

Cat. No.	Qty.
157847	100
157848	100
157849	10
157850	10

(without dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	131326	20

TSch 1	031916	100
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StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 6 FW	046866	500
DEK 6 FS	046876	500

DLD 2.5/PE



GA GOST
6/74.5/49
7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...2.5
0.5...2.5
A 3
20 A/2.5 mm²
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG

Cat. No.	Qty.
159595	100

(without dekafix) **157838** 10
(with dekafix) **157839** 10

Type	Cat. No.	Qty.
AP	159596	20
AP (part-AP)	159597	20

TSch 1	031916	100
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StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

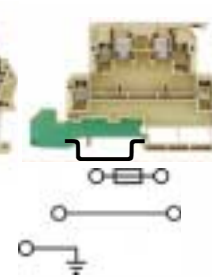
Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 6 FW	046866	500
DEK 6 FS	046876	500

KDKS1/PE



GA GOST
8/91/65
9 mm/M 3/M 2.5***/3.5 x 0.6

500 V/6.3 A/4 mm²
6 kV/3
0.5...1/0.4...0.7***
2/1***
0.5...4
0.5...4/2.5***
0.5...4/2.5***
A 4 / A 3***

300 V/10 A/26...12 AWG
-/ /22...12 AWG

Cat. No.	Qty.
952811	50

cannot be combined with DLI / DLA
Wemid **953245** 50

Type	Cat. No.	Qty.
AP	950333	50
AP Wemid	953247	50

5 x 20 without indicator

StB 8.5* (ø 2.3) **021570** 50
PS 2.3 **018040** 20

Q 2	131250	50
Q 3	131260	50
Q 4	131270	50
Q 10	131310	20
Q 20	139980	20

QL 2	029720	100
VH 4.2	134580	100
VQB 1.5/50 BL	163328	5
VQB 1.5/50 RT	163329	5
VQB 1.5/50 SW	163512	5

WT 4	134106	100
SF 10	033240	1000
SG 10	033250	1000
ADP	048540	20
HP 4	048586	20

DEK 8 FW	127696	500
DEK 8 FS	128966	500

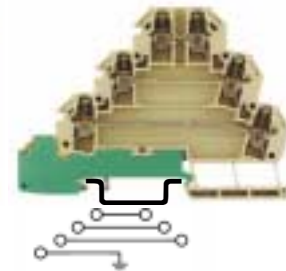
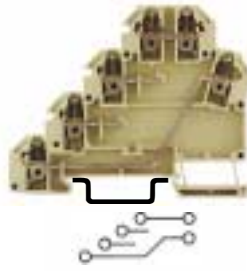
** If the cross-connection runs via the PE connection of the DLA, or if a pole is generally skipped, the nominal voltage is reduced to 30 Vac
*** For PE-connection

Feed through terminals for initiators and motors

VLI 1.5

VLI 1.5PE

MAK 2.5



Dimensions/Approvals		VLI 1.5	VLI 1.5PE	MAK 2.5
Width/length/height (mm)	with TS 35 x 7.5	6/79/64	6/69/63	6/88/64
Insulation stripping length/clamping screw/screwdriver blade		8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6
Rated data IEC 60 947-7-1				
Rated voltage/current/cross-section		250 V/17.5 A/1.5 mm ²	250 V/17.5 A/1.5 mm ²	500 V (L-L)/250 V (L-PE)/ 24 A/2.5 mm ²
Rated impulse voltage/pollution severity		4 kV/3	4 kV/3	6 kV/3
Further technical data				
Tightening torque range	Nm	0.4...0.6**	0.4...0.6	0.4...0.6
Torque setting with DMS 2 electric screwdriver		1	1	1
Clampable conductor				
Solid H07V-U	mm ²	0.5...4.0	0.5...4.0	0.5...4.0
Stranded H07V-R	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K	mm ²	0.5...2.5	0.5...2.5	1.5...2.5
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Plug gauge according to IEC 60 947-7-1	Size	A3	A3	A3
Max. technical data		24 A/2.5 mm ²	24 A/2.5 mm ²	24 A/2.5 mm ²
Continuous current rating of cross-connection, multipole	A	24	24	24

UL/CSA rated data		VLI 1.5	VLI 1.5PE	MAK 2.5
Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG
Ordering data				
Version				
PA		Cat. No. Qty. 163325 50	Cat. No. Qty. 163331 50	Cat. No. Qty. 161527 50 163165 50

End plate/Partition		VLI 1.5	VLI 1.5PE	MAK 2.5
End plate	Type	AP VLI1.5 163326 20	AP VLI1.5/PE 163332 20	AP MAK2.5 161528 20
Partial end plate for VLI1.5 – MAK2.5 combination	Type	TEAP 2 MAK2.5 163333 20		TEAP 2 MAK2.5 163333 20
Partial end plate for VLI1.5 – VLI1.5PE combination	Type	TEAP VLI1.5 163327 20	TEAP VLI1.5 163327 20	
Partial end plate for VLI1.5PE – MAK2.5 combination	Type		TEAP 1 MAK2.5 163334 20	TEAP 1 MAK2.5 163334 20

Cross-connection		VLI 1.5	VLI 1.5PE	MAK 2.5
VQB 50-pole, snap-fit, external cross-connection	Type	VQB1.5/50BL* 163328 5	VQB1.5/50BL* 163328 5	VQB1.5/50BL* 163328 5
	Type	VQB1.5/50RT* 163329 5	VQB1.5/50RT* 163329 5	VQB1.5/50RT* 163329 5
	Type	VQB1.5/50SW* 163512 5	VQB1.5/50SW* 163512 5	VQB1.5/50SW* 163512 5
	Type			QB 25 SW* 052000 20
	Type			QB 25 RT* 052006 20
	Type			QB 25 BL* 052008 20

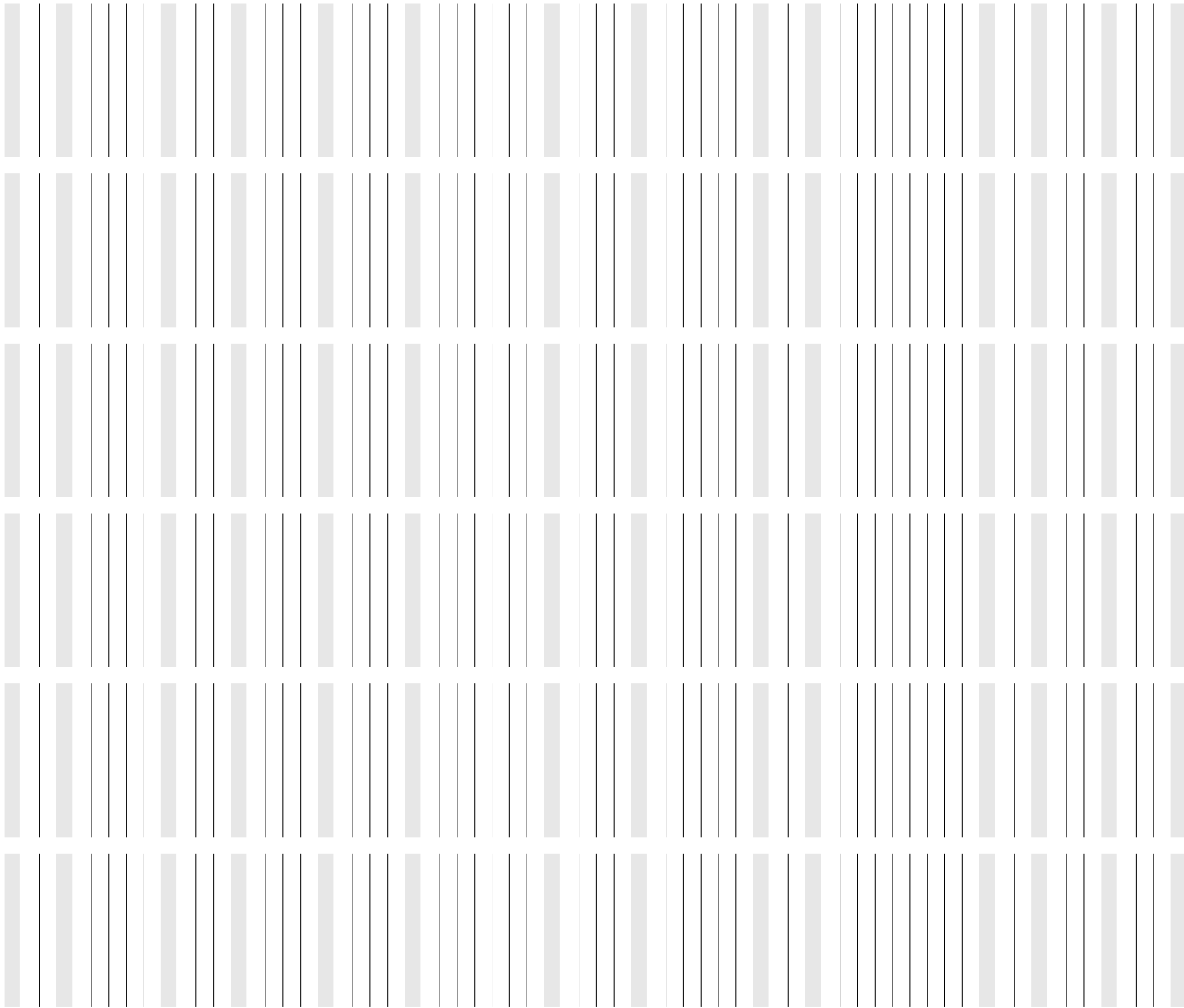


QB 25-pole external cross-connection

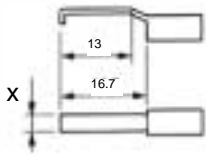
Group marking		VLI 1.5	VLI 1.5PE	MAK 2.5
Tag carrier for S 10 tags	Type	T 5 034850 100	T 5 034850 100	T 5 034850 100
	Type	SF 10 033240 1000	SF 10 033240 1000	SF 10 033240 1000
	Type	SG 10 033250 1000	SG 10 033250 1000	SG 10 033250 1000
Marking tags				
	Consecutive horizontal	DEK 5 FW 047346 500	DEK 5 FW 047346 500	DEK 5 FW 047346 500
	Consecutive vertical	DEK 5 FS 047356 500	DEK 5 FS 047356 500	DEK 5 FS 047356 500

Mounting rails, end brackets, further marking material see section "Accessories"

* When using cross-connection bridges, the connection cross-section is reduced by one level
** 0.4...0.45 for lower level



W-series spring loaded



WDU 4 SL



WDU 6 SL



WDU 10 SL



Dimensions/Approvals

Width/length/height (mm)	with TS 35 x 7.5
Width/length/height (mm)	+
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Max. clamping range in mm ² , Gauge pin to IEC 60 947-1	Size	0.13...6 A4

Hooktight cable shoes to ESI 50-18 part 2

Size 2 (x = 3 mm)	2 Pieces
Size 1 (x = 4.6 mm)	2 Pieces

Ordering data

Versions

	Beige Wernid
+	Beige Wernid
	PA 66 black
+	PA 66 black

End plate/Partition

WAP	Thickness 1.5 mm Wernid
WTW	Wernid
WAP	PA 66 black
WTW	PA 66 black

Cross-connection

WQV

Notching tool WAW 1 for WQV

ZQV

6/60/47	8/60/47
6/60/52	8/60/52
15 mm/M 3/3.5 x 0.6	16 mm/M 3.5/5.5 x 0.8
IEC	ESI IEC
500 V/32 A/4mm ²	500 V/24 A 500 V/41 A/6mm ²
6 kV/3	6 kV/3
0.5...4	0.5...6
1.5...4	1.5...6
0.5...4	0.5...6
0.13...6	0.5...10
0.28...1.5	0.28...1.5/1...2.5
	0.28...1.5/1...2.5
IEC	ESI IEC
Qty.	Qty.
953744 0000	953746 0000 50
953745 0000	953747 0000 50
953750 0000	953742 0000 50
953751 0000	953743 0000 50

8/60/47	10/60/47
8/60/52	10/60/52
16 mm/M 3.5/5.5 x 0.8	17 mm/M 4/6.0 x 1.0
ESI IEC	ESI IEC
500 V/24 A 500 V/41 A/6mm ²	500 V/36 A 500 V/57 A/10mm ²
6 kV/3	6 kV/3
0.5...6	1.5...10
1.5...6	1.5...10
0.5...6	1.5...10
0.5...10	1.31...10
0.28...1.5/1...2.5	0.28...1.5/1...2.5 / 2.5...6
0.28...1.5/1...2.5	0.28...1.5/1...2.5 / 2.5...6
ESI IEC	ESI IEC
Qty.	Qty.
953746 0000 50	953748 0000 50
953747 0000 50	953749 0000 50
953742 0000 50	953740 0000 50
953743 0000 50	953741 0000 50

Type	Cat. No.	Qty.
WAP 2.5-10	105000	50
WTW 2.5-10	105010	20
WAP	105001	50
WTW	105011	20

Test adaptor

WTA 5	WTA 3
WTA 3	163235 50
WTA 3/ZA	163236 50
WTA 3/10	163237 5
ZE 1	163215 25

Test plug/Socket

PS 2.3	StB 8.5
PS 2.3 (ø 2.3)	018040 20
StB 8.5 (ø 2.3)	028060 50

WTA 3	163235 50
WTA 3/ZA	163236 50
WTA 3/10	163237 5
ZE 1	163215 25

WTA 5/1	105126 25
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WTA 5/1	105126 25
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Cover

WAD with symbol	WAD 5	105346 50
WAD white	WAD 5 white	105606 50

Group marking

WGB	WGB 5	105076 50
T 5	T 5	034850 100
Tag carrier	SF 10	033240 1000
for S 10-tags	SG 10	033250 1000

Marking tags

Print

	DEK	Consecutive horizontal
	DEK	Consecutive vertical
	WS	Blank
	WS	Printed

PS 2.3 (ø 2.3)	018040 20
StB 8.5 (ø 2.3)	028060 50

PS 2.3 (ø 2.3)	018040 20
PS 4 (ø 4)	029960 20
StB 8.5 (ø 2.3)	028060 50
StB 14 (ø 4)	016990 50

PS 2.3 (ø 2.3)	018040 20
PS 4 (ø 4)	029960 20
StB 8.5 (ø 2.3)	028060 50
StB 14 (ø 4)	016990 50

WAD 5	105346 50
WAD 5 white	105606 50

WAD 8	105356 50
WAD 8 white	105616 50

WAD 8	105356 50
WAD 8 white	105616 50

WGB 5	105076 50
T 5	034850 100
SF 10	033240 1000
SG 10	033250 1000

WGB 8	105096 50
T 5	034850 100
SF 10	033240 1000
SG 10	033250 1000

WGB 8	105096 50
T 5	034850 100
SF 10	033240 1000
SG 10	033250 1000

DEK 6	046866 500
DEK 6	047356 500
WS 12/6	160990 600
WS 12/6	144766 200

DEK8	127696 500
DEK 8	128966 500
WS 12/6.5	160992 540
WS 12/6.5	156895 100

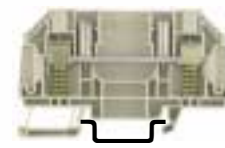
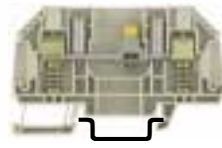
DEK 5	047346 500
DEK 5	047356 500
WS 12/6.5	160992 540
WS 12/6.5	156895 100

Note: Stripping lengths are given for direct entry conductors, whereas with hook bladed crimps the stripping lengths should be according to the crimp manufacturers recommendations.

W-series spring loaded

WTL 6 SL

WTD 6 SL



Dimensions/Approvals

Width/length/height (mm)	with TS 35	8/83/50
Width/length/height (mm)		8/83/49
Insulation stripping length/clamping screw/screwdriver blade		16 mm/M 3.5/5.5 x 0.8

Rated data

Rated voltage/current/cross-section	500 V/24 A/6 mm ²
Rated impulse voltage/pollution severity	6 kV/3

Clampable conductor

Solid H07V-U	mm ²	0.5...6
Stranded H07V-R	mm ²	1.5...6
Flexible H07V-K	mm ²	0.5...6
Max. clamping range in mm ²		0.5...10
Plug gauge according to IEC 60 947-1		A4

Hooked blade crimps acc. to ESI 50-18 part 2

Size 2 (x = 3 mm)	2 Pieces	0.28...1.5/1...2.5
Size 1 (x = 4.6 mm)	2 pieces	0.28...1.5/1...2.5

Ordering data

Version
Beige Wemid
Blue Wemid
Beige Wemid
Black PA 66
Black PA 66

Type	Cat. No.	Qty.
WTL 6 SL	953807 0000	50
WTL 6 SL	953808 0000	50
WTL 6 SL	953802 0000	50
WTL 6 SL	953803 0000	50

Type	Cat. No.	Qty.
WTD 6 SL	953809 0000	50
WTD 6 SL	953810 0000	50
WTD 6 SL	953804 0000	50
WTD 6 SL	953805 0000	50

End plate/Partition

WAP		Beige Wemid
WAP		Black PA 66

WAP	953811	20
WAP	953806	20

WAP	953811	20
WAP	953806	20

Cross-connection

QL2		2-pole	019430	50
QL3		3-pole	019440	50
QL4		4-pole	019450	50
QL10		10-pole	033830	20
BS 25		Blank	033470	100
VH 19			031800	100
QVS 2			030730	20
QVSK 2			167036	20
QVS 3			032930	20
QVS 4			030740	20

	019430	50
	019440	50
	019450	50
	033830	20
	033470	100
	031800	100
	030730	20
	167036	20
	032930	20
	030740	20

	019430	50
	019440	50
	019450	50
	033830	20
	033470	100
	031800	100
	030730	20
	167036	20
	032930	20
	030740	20

Test adaptor

PS 4		029960	20
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	029960	20
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	029960	20
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Test plug/Socket

StB 25 GE	026720	50
StB 25 GN	027120	50
StB 25 VI	027130	50
StB 35 GE	038900	50
StB 35 GN	038890	50
StB 35 VI	038910	50
StB 14	016990	50

Disconnect lock

SSP 3	053176	100
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Marking tags

Print	DEK	WS
Consecutive horizontal	DEK 8	127696
Consecutive vertical	DEK 8	128966
Blank	WS 12/6.5	160992
Printed	WS 12/6.5	156895

Print	DEK	WS
Consecutive horizontal	DEK 8	127696
Consecutive vertical	DEK 8	128966
Blank	WS 12/6.5	160992
Printed	WS 12/6.5	156895

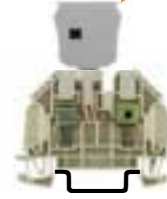
W-series spring loaded

WTR 4 SL



ZQV

WTR 4 SI SL



ZQV

W-series

Dimensions/Approvals

Width/length/height (mm)	with TS 35	6/60/47
Width/length/height (mm)		12.5/M3/3.5 x 0.6
Insulation stripping length/clamping screw/screwdriver blade		12.5/M3/3.5 x 0.6

Rated data

Rated voltage/current/cross-section	500 V/24 A/4mm ²
Rated impulse voltage/pollution severity	6 kV/3

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Max. clamping range in mm ²		0.13...6
Plug gauge according to IEC 60 947-1		A4

Hooked blade crimps acc. to ESI 50-18 part 2

Size 2 (x = 3 mm)	2 Pieces	0.28...1.5/1...2.5
Size 1 (x = 4.6 mm)	2 Pieces	0.28...1.5/1...2.5

Ordering data

Version

		with StB2.3	without StB	Qty.		without StB	Qty.
	Beige Wernid	WTR 4 SL	791030 0000	50	WTR 4 SI SL	791033 0000	50
	Blue Wernid	WTR 4 SL	791031 0000	50			
	Black PA 66	WTR 4 SL	791032 0000	50	WTR 4 SI SL	791035 0000	50
	Beige Wemi	WTR 4 SL	791039 0000	50	WTR 4 SI SL	791042 0000	50
	Blue Wemi	WTR 4 SL	791040 0000	50			
	Black PA 66	WTR 4 SL	791041 0000	50	WTR 4 SI SL	791044 0000	50

End plate/Partition

WAP	Beige Wernid	WAP	105000	50	WAP	105000	50
WAP	Black PA 66	WAP	105001	50	WAP	105001	50
WAP	Blue Wernid	WAP	105008	50	WAP	105008	50
WTW	Beige Wernid	WTW	105010	20	WTW	105010	20

Cross-connection

ZQV	2-pole	ZQV 4N/2	175825	60	ZQV 4N/2	175825	60
	3-pole	ZQV 4N/3	176263	60	ZQV 4N/3	176263	60
	4-pole	ZQV 4N/4	176262	60	ZQV 4N/4	176262	60
	10-pole	ZQV 4N/10	175826	20	ZQV 4N/10	175826	20
	41-pole	ZQV 4N/41	175827	10	ZQV 4N/41	175827	10
	Blank	QB 75/6.2/15	053520	10	QB 75/6.2/15	053520	10
		ISPF QB75 SW	052670	10	ISPF QB75 SW	052670	10
		ISPF QB75 BL	052678	10	ISPF QB75 BL	052678	10
		ISPF QB75 RT	052676	10	ISPF QB75 RT	052676	10

Test adaptor

PS 2.3			018040	20		018040	20
Test adaptor		WTA 6	163238	25		163238	25

Test plug/Socket

for 5x20 SIHA

	SIHA 2/G 20	400 V~				953760	25
	SIHA 2/G 20	12 V-/24 V~				953761	25
	SIHA 2/G 20	20-30 V-/40-60 V~				953762	25
	SIHA 2/G 20	40-60 V-/80-220 V~				953763	25
	SIHA 2/G 20	115 V-/230 V~				953764	25

Marking tags

Print

	DEK	Consecutive horizontal	DEK 6	046866	500	DEK 6	046866	500
	DEK	Consecutive vertical	DEK 6	046876	500	DEK 6	046876	500
	WS	Blank	WS 12/6	160990	600	WS 12/6	160990	600
	WS	Printed	WS 12/6	144766	200	WS 12/6	144766	200

* Maximum power loss 1.6 W

Terminal blocks with electronic components

Incorporating electronic components into a rail-mounted terminal makes the connection point an active part of the installation. The unused space within a terminal can be sensibly used for a signal display, for suppressing sparks, or for signal conditioning.

Weidmüller's range principally covers:

Terminal blocks with indicator

to display the switching state, signals and the operating voltage. Signals simplify the start-up process, monitoring, servicing and repairs.

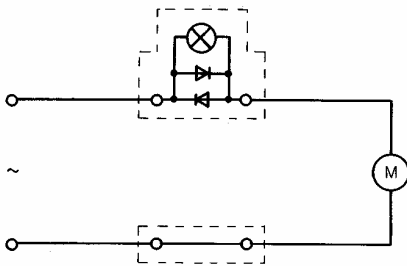
The range of terminals covers double-terminals for voltage/current monitoring, fuse terminals with outage displays and disconnect signal for disconnection.

Signals consist of various coloured LED's, glow lamps (low consumption) or regular bulbs.

Typical application:

• Monitoring a ventilator motor

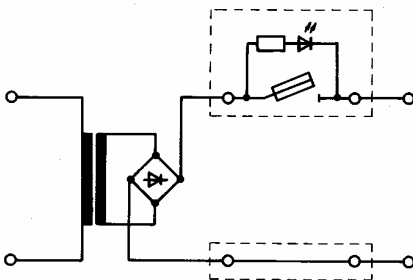
Displaying the current flow shows the operating status ventilator.



Typical example:

• Protecting a power supply

A lit LED shows a tripped fuse, whereby a small residual current is flowing through the terminal.



A status display without residual current is provided by the EGS fuse component.

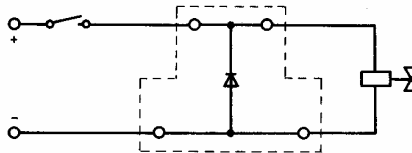
Terminal blocks with diodes

for suppressing inductivity or for linking signals.

Typical application:

• Eliminating sparks on switching a DC valve

The electromagnetic energy stored in the coil fades through the diode on opening the contact.

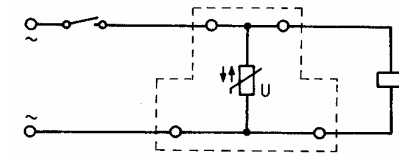


Typical example:

• Protecting contacts on switch an inductive AC load

A varistor limits the peak voltage on switching off the load.

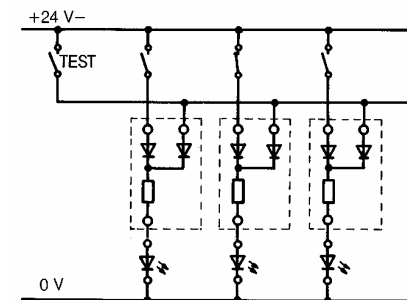
This prevents arcing and related burning of the contacts.



Typical example:

• Test switch for LED display panels

The primary resistors for the LED are integrated into the terminal. Two diodes decouple control and test signals.

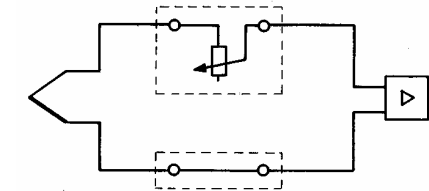


Compensating terminals

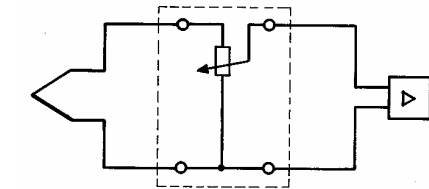
In measurement, control and regulation technology various cable lengths and tolerances in the sensors necessitate matching of the circuits. For this we offer a combination of rail-mounted terminal and potentiometer: the SAKL 4.

Typical application:

• Temperature measurement



A further variation provides a **voltage distributor** in a terminal block.



Specifications:

Weidmüller terminal blocks with electronic components are engineered and manufactured in accordance with

DIN VDE 0160:

Equipment of power-line installations with electronic components

DIN VDE 0110/79:

Rated insulation voltage

DIN VDE 0611 T.1/IEC 60947-7-1:

Requirements for terminal blocks with screw-type or screwless clamping points

Terminal blocks with indicator

WDK 2.5 LD

Direct **voltage** indicator

WDK 2.5 LD

Direct **voltage** indicator

WDK 2.5 LD

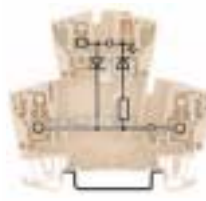
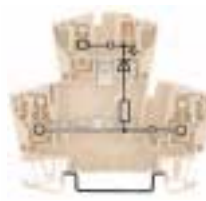
Direct **voltage** indicator


WDK 2.5 LD

Alternating **voltage** indicator

WDK 2.5 GL

Alternating **voltage** indicator



Dimensions		mm												
Length		69		69		69		69		69				
Height (TS 35 x 7.5)		63		63		63		63		63				
Terminal width (+ 0.2 assembly tolerance)		5		5		5		5		5				
Insulating stripping length		10		10		10		10		10				
Connection data														
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²				
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12				
VDE rated data														
Current of trough-busbar		10 A		10 A		10 A		10 A		10 A				
Cross connection		2.5 mm ²		2.5 mm ²		2.5 mm ²		2.5 mm ²		2.5 mm ²				
LED current		< 5 mA		< 5 mA		< 5 mA		< 5 mA		< 5 mA				
Voltage/Indicator		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.			
24 V~/LED red		WDK 2.5 LD	802363	WDK 2.5 LD	102360	WDK 2.5 LD	816143	WDK 2.5 LD	801905					
24 V~/LED green		WDK 2.5 LD	801004	WDK 2.5 LD	802361									
115 V~/LED red								WDK 2.5 LD	800632					
230 V~/LED red								WDK 2.5 LD	801314					
230 V~/Neon lamp										WDK 2.5 GD	801384			
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Mounting rail (2 m long)		TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m	
		slotted	051450	2 m	slotted	051450	2 m	slotted	051450	2 m	slotted	051450	2 m	
		TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m	
End bracket		EW 35	038356	50	EW 35	038356	50	EW 35	038356	50	EW 35	038356	50	
End plate		WAP	105910	100	WAP	105910	100	WAP	105910	100	WAP	105910	100	
Cross-connection (preassembled)		2-pole	WQV 2.5	105366	50	WQV 2.5	105366	50	WQV 2.5	105366	50	WQV 2.5	105366	50
		3-pole	WQV 2.5	105376	50	WQV 2.5	105376	50	WQV 2.5	105376	50	WQV 2.5	105376	50
		4-pole	WQV 2.5	105386	50	WQV 2.5	105386	50	WQV 2.5	105386	50	WQV 2.5	105386	50
		10-pole	WQV 2.5	105446	50	WQV 2.5	105446	50	WQV 2.5	105446	50	WQV 2.5	105446	50
Marking tags														
Print														
DEK Consecutive horizontal		DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500	
DEK Consecutive vertical		DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500	
WS Blank		WS 8/5	164074	720	WS 8/5	164074	720	WS 8/5	164074	720	WS 8/5	164074	720	
WS Printed		WS 8/5	158008	200	WS 8/5	158008	200	WS 8/5	158008	200	WS 8/5	158008	200	
														
<p>DEK WS</p>														
Mounting rails, end brackets, further marking material see section "Accessories"														

Terminal blocks with diodes

(Other versions on request)

WDK 2.5 D

Diode terminal e. g. as reverse polarity protection

WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DV)

WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DV)



Dimensions											
Length	mm	69		69		69					
Height (with TS 35 x 7.5)	mm	63		63		63					
Terminal width (+ 0.2 assembly tolerance)	mm	5		5		5					
Insulating stripping length	mm	10		10		10					
Connection data											
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²		0.5...2.5 mm ²					
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12					
VDE rated data											
Voltage		380 V~		380 V~		380 V~					
Diode reverse voltage		1000 V		1000 V		1000 V					
Diode current		1 A		1 A		1 A					
Current of trough-busbar		10 A		10 A		10 A					
Diode											
		1 N 4007		1 N 4007		1 N 4007					
Terminal colour											
		beige		beige		beige					
Ordering data		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.				
		WDK 2.5 D	802561	WDK 2.5 D	102340	WDK 2.5 D	102330				
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Mounting rail (2 m long)	TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m		
	slotted	051450	2 m	slotted	051450	2 m	slotted	051450	2 m		
	TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m		
End bracket											
	EW 35 (Thickness 8.5 mm)	EW 35 (8.5)	038356	50	EW 35 (8.5)	038356	50	EW 35 (8.5)	038356	50	
End plate											
	WAP (Thickness 1.5 mm)	WAP	105910	100	WAP	105910	100	WAP	105910	100	
Cross-connection (preassembled)											
	2-pole	WQV 2.5	105366	50	WQV 2.5	105366	50	WQV 2.5	105366	50	
	3-pole	WQV 2.5	105376	50	WQV 2.5	105376	50	WQV 2.5	105376	50	
	4-pole	WQV 2.5	105386	50	WQV 2.5	105386	50	WQV 2.5	105386	50	
	10-pole	WQV 2.5	105446	50	WQV 2.5	105446	50	WQV 2.5	105446	50	
Marking tags											
	DEK	Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500	DEK 5	047346	500
	DEK	Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500	DEK 5	047356	500
	WS	Blank	WS 8/5	164074	720	WS 8/5	164074	720	WS 8/5	164074	720
	DEK	Printed	WS 8/5	158008	200	WS 8/5	158008	200	WS 8/5	158008	200

WDK 2.5 D

Diode terminal
for lamp test circuits

WDK 2.5 D

Diode terminal
for lamp test circuits

WDK 2.5 D

Diode terminal
for lamp test circuits



69	69	69			
63	63	63			
5	5	5			
10	10	10			
0.5...2.5 mm ²	0.5...2.5 mm ²	0.5...2.5 mm ²			
AWG 26...12	AWG 26...12	AWG 26...12			
380 V~	380 V~	380 V~			
1000 V	1000 V	1000 V			
1 A	1 A	1 A			
10 A	10 A	10 A			
1 N 4007	1 N 4007	1 N 4007			
beige	beige	beige			
Type	Best. Nr.	Type	Cat. No.	Type	Cat. No.
WDK 2.5 D	102350	WDK 2.5 D	102260	WDK 2.5 D	801467
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m
slotted	051450	2 m	slotted	051450	2 m
TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m
EW 35 (8.5)	038356	50	EW 35 (8.5)	038356	50
WAP	105910	100	WAP	105910	100
WQV 2.5	105366	50	WQV 2.5	105366	50
WQV 2.5	105376	50	WQV 2.5	105376	50
WQV 2.5	105386	50	WQV 2.5	105386	50
WQV 2.5	105446	50	WQV 2.5	105446	50
DEK 5	047346	500	DEK 5	047346	500
DEK 5	047356	500	DEK 5	047356	500
WS 8/5	164074	720	WS 8/5	164074	720
WS 8/5	158008	200	WS 8/5	158008	200

Terminal blocks with electronic components

(Other versions on request)

WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor

WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor

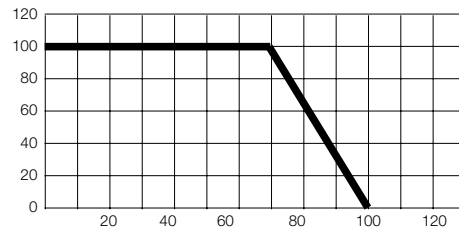


Dimensions								
Length	mm	69		69				
Height (with TS 35 x 7.5)	mm	63		63				
Terminal width (+ 0.2 assembly tolerance)	mm	5		5				
Insulating stripping length	mm	10		10				
Connection data								
Screw connection, flexible		0.5...2.5 mm ²		0.5...2.5 mm ²				
Conductor cross-connection		AWG 26...12		AWG 26...12				
VDE rated data								
Voltage		24 V-		24 V-				
Diodes current		1 A		1 A				
Current of trough-busbar		10 A		10 A				
Diode		1 N 4007		1 N 4007				
Resistance		1.5 kΩ		1.5 kΩ				
Ordering data		Type	Cat. No.	Type	Cat. No.			
		WDK 2.5 D	801694	WDK 2.5 D	801226			
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Mounting rail (2 m long)		TS 35 x 7.5	038340	2 m	TS 35 x 7.5	038340	2 m	
		slotted	051450	2 m	slotted	051450	2 m	
		TS 35 x 15	049800	2 m	TS 35 x 15	049800	2 m	
End bracket								
EW 35 (Thickness 8.5 mm)		EW 35 (8.5)	038356	50	EW 35 (8.5)	038356	50	
End plate								
WAP (Thickness 1.5 mm)		WAP	105910	100	WAP	105910	100	
Cross-connection (preassembled)								
2-pole		WQV 2.5	105366	50	WQV 2.5	105366	50	
3-pole		WQV 2.5	105376	50	WQV 2.5	105376	50	
4-pole		WQV 2.5	105386	50	WQV 2.5	105386	50	
10-pole		WQV 2.5	105446	50	WQV 2.5	105446	50	
Marking tags								
Print								
	DEK	Consecutive horizontal	DEK 5	047346	500	DEK 5	047346	500
	DEK	Consecutive vertical	DEK 5	047356	500	DEK 5	047356	500
	WS	Blank	WS 8/5	164074	720	WS 8/5	164074	720
	DEK	Printed	WS 8/5	158008	200	WS 8/5	158008	200



Dimensions						
Length	mm	60				
Height (with TS 35 x 7.5)	mm	47				
Terminal width (+ 0.2 assembly tolerance)	mm	6				
Insulating stripping length	mm	9/10				
Connection data						
Screw connection, solid		0.5...4 mm ²				
Screw connection, flexible		0.5...4 mm ²				
Conductor cross-connection		AWG 22...12				
VDE rated data						
Power		1 W				
Cross-section		4 mm ²				
Ordering data		Type	Cat. No.	Qty.		
Resistance	10 Ω	WDUL 4/10	102700	10		
	30 Ω	WDUL 4/30	102710	10		
	50 Ω	WDUL 4/50	102720	10		
	100 Ω	WDUL 4/100	102730	10		
	500 Ω	WDUL 4/500	102740	10		
	1 kΩ	WDUL 4/1K	102750	10		
	5 kΩ	WDUL 4/5K	102760	10		
	10 kΩ	WDUL 4/10K	102770	10		
	100 kΩ	WDUL 4/50K	102780	10		
	500 kΩ	WDUL 4/100K	102790	10		
	2 MΩ	WDUL 4/500K	102800	10		
			WDUL 4/2M	102810	10	
			WDUL 4	816182	10	
		(without resistance)				
Accessories						
Mounting rail (2 m long)		TS 35	038340	-		
End bracket (Thickness mm)		EW 35 (8.5)	038356	50		
End plate (Thickness mm)		WAP 2.5-10	105000	50		
Partition (Thickness mm)		TW PA (1.5)	105010	20		
Screen lug		LS 2.8	105640	100		
Solder lug						
Technical data for the 30 Ω compensation resistor						
Resistor material: "Cermet"						
Resistor setting range: 0...30 Ω						
Curve from: linear						
Temperature coefficient: ± 100 ppm/°C						
Mechanical service life: 200 actuations without						
Permissible deviations throughout the entire						
Resistance range						
Resistance change per spindle turn: ≈ 1.2 Ω						
Rated output for total resistance: 1 Watt at 70 °C						
Rated current: 120 mA						
Ambient temperature: -55 °C to +70 °C						
Sealing:						
1) Leak tested in water at 70 °C without bubble formation						
2) Storage in SFW 2.0 S to DIN 50018, 9 cycles						

Capacity in % of rated output



Ambient temperature in °C

Fuses and gauge rings for Weidmüller fuse terminals

Fuse inserts

for terminal type

	Size (mm)	Rated voltage (Vac)	Rated current (A)	Cat. No.	Qty.
G fuse inserts 5 x 20 without indicator to DIN 41660, IEC 127 part 1					
SAKS 1	5 x 20		0.2 (F)	043040	10
SAKS 7	Breaking capacity 1500 A		0.25 (F)	043050	10
ASK 1	(at 250 V, 50 Hz, cos φ = 0.7)		0.5 (F)	043060	10
WSI 6		250	0.63 (F)	043900	10
			1.0 (F)	043070	10
			1.6 (F)	043080	10
			2.0 (F)	043090	10
			2.5 (F)	043100	10
			3.15 (F)	043110	10
			4.0 (F)	043120	10
			5.0 (F)	043130	10
			6.3 (F)	043140	10
			(F) = rapid blow		
G fuse inserts 5 x 25 with indicator to DIN 41576¹⁾					
SAKS 1	5 x 25 m. K. ¹⁾		0.25 (M)	054690	10
SAKS 7	Breaking capacity 80 A		0.5 (M)	051030	10
ASK 1	(at 250 V, 50 Hz, cos φ = 1)		0.8 (M)	064640	10
WSI 6		250	1 (M)	026580	10
			10 (M ⁵⁾)	019310	10
			2 (F)	019270	10
			4 (F)	019280	10
			6.3 (F)	019290	10
			(M) = med. blow (F) = rapid blow		
Fuse inserts 1 1/4" x 1/4" to DEF 63/size 0 without indicator					
SAKS 3 ²⁾	33 kA short rating circuit fast speed				
SAKS 6	E 0.5 A		0.5	053380	10
	E 1 A		1	052550	10
	E 2 A	440	2	029450	10
	E 3 A		3	029570	10
	E 5 A		5	029460	10
	E 7 A		7	029580	10
	E 10 A		10	029390	10
D fuse inserts E 16 with indicator to DIN 49360 (Diazed)					
SAKS 2	E 10 A		10	020850	25
	E 16 A	500	16	020860	25
	E 20 A		20	020870	25
	E 25 A		25	020880	25
D fuse inserts E 14 size D 01 and E 18 size D 02 with indicator to DIN 49522 (Neozed)³⁾					
SAKS 4 ⁴⁾	E 14/2		2	013740	10
	E 14/4		4	013750	10
	E 14/6	380	6	032830	10
	E 14/10		10	032840	10
	E 14/16		16	032850	10
SAKS 5	E 18/20		20	036130	10
	E 18/25		25	036140	10
	E 18/35	380	35	036150	10
	E 18/50		50	036160	10
	E 18/63		63	036170	10

Note: ¹⁾ The SIBA company also supplies 5 x 25 G fuse inserts with indicator in a shipbuilding model for 450 V-.

²⁾ 5 x 30 (500 V-) fuse inserts for SAKS 3 are available from the WICKMANN company.

³⁾ The LINDNER company also supplies Neozed-fuse cartridges in an additional shipbuilding model for 440 V-.

⁴⁾ Fuse cartridges with the dimension 1" x 1/4" ≙ 25.4 x 6.35 mm and 1 1/2" x 1/2" ≙ 38.1 x 12.7 mm are not included in product line.

⁵⁾ Only for SAKS 1 and SAKS 7.

Gauge rings

For terminal type	Gauge ring type	Amp.	Colour	Cat. No.	Qty.
SAKS 4 and 4/35	P 14/2	2	pink	013800	50
	P 14/4	4	brown	013810	50
	P 14/6	6	green	032860	50
	P 14/10	10	red	032870	50
SAKS 5 and 5/35	P 18/20	20	blue	036180	50
	P 18/25	25	yellow	036190	50
	P 18/35	35	black	036200	50
	P 18/50	50	white	036210	50
SAKS 2 and 2/35	P 16/10	10	red	020890	100
	P 16/16	16	grey	020900	100
	P 16/20	20	blue	020910	100

