

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 16 mm<sup>2</sup>, Width: 12 mm, Colour: Beige

### Business data

Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	28 g
Weight per piece (including packaging)	29.7 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1050.2
Product description	Feed-through terminal

---

### Technical data

---

#### Dimensions

---

Length	50 mm
Width	12 mm
Height TS 35/7.5	58.5 mm
Height TS 32	63 mm

---

#### Ratings

---

Rated voltage	800 V
Rated current	76 A
Rated cross-section	16 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.43 W

---

### Technical data

#### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded, max.	16 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	16 mm <sup>2</sup>
Wire cross-section AWG, min.	10
Wire cross-section AWG, max.	6
Stripping length	15 mm
Screw head	Slotted
Screw threading	M 5
Tightening torque, min.	2 Nm
Tightening torque, max.	4 Nm

#### Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C

#### Further technical data

Mounting type	Mounting rail TS 35/7.5 and TS 32
Gauge plug acc. to EN 60 947-1	B7
Number of cross-connection channels	1
End plate required	✓

1050.2

RK 16 BG

---

## Technical data

---

### Print

---

Colour	Beige
--------	-------

---

### Environmental Product Compliance

---

REACH Conform	yes
---------------	-----

---

REACH Reference date	2021-07-08
----------------------	------------

---

REACH Candidate Substance Note	No
--------------------------------	----

---

RoHS Conform	yes
--------------	-----

---

## 1050.2 RK 16 BG

### Approvals

#### Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

#### CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	70 A
CSA wire cross-section AWG, min.	10
CSA wire cross-section AWG, max.	6
CSA stripping length	15 mm
CSA torque, max.	4 Nm
CSA torque, min.	2 Nm

#### German Lloyd approval

GL approval	IEC 60947-7-1:2002
GL approval granted	yes
GL rated voltage	750 V
GL rated current	82 A
GL rated cross-section	16 mm <sup>2</sup>
GL environmental category	C

#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	76 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	25 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	2.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	16 mm <sup>2</sup>

---

### Approvals

---

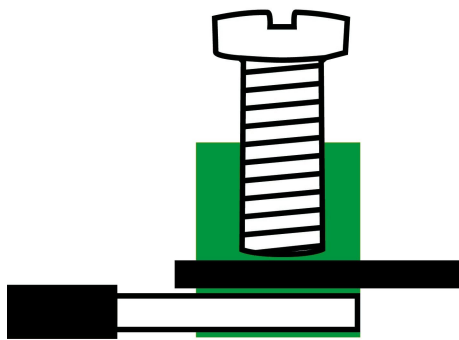
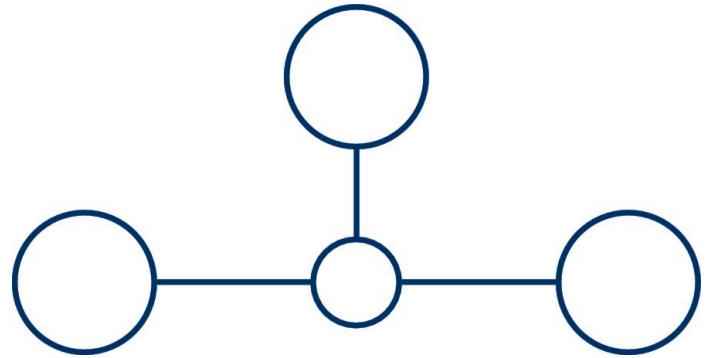
#### UL Recognized

---

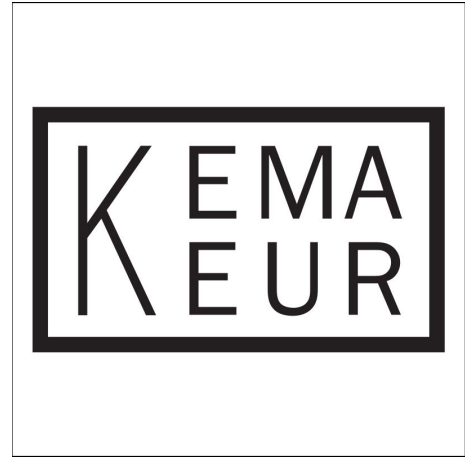
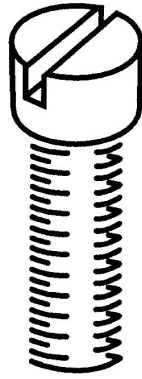
UL approval	UL 1059
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	10
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	6
UL torque	10.5 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

---

### Media



**M5**





1050.2  
RK 16 BG

## Accessories

### Cover



Cover, Length: 30 mm, Width: 10.7 mm,  
Colour: Yellow

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2819.0	AD 1/12/B YE	4044211055455	500 ST



Cover, Length: 26.5 mm, Width: 12 mm,  
Colour: White

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2969.0	AD 1/12 WH	4044211056988	500 ST

1050.2  
RK 16 BG

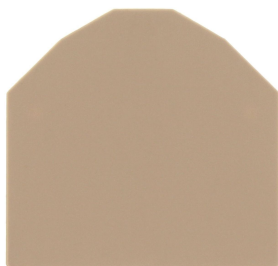
---

## Accessories

---

### End plate

---



End plate, Width: 1.5 mm, Colour: Beige

---

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2104.2	AP 16 BG	4044211049164	500 ST

---

### End stop

---



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

---

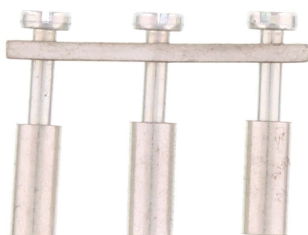
#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2828.0	ES 35/K/ST BG	4044211055547	500 ST

## 1050.2 RK 16 BG

### Accessories

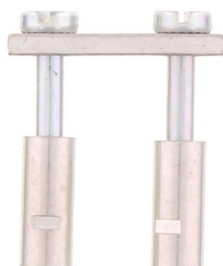
#### Cross-connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2113.0	Q 3	4044211049270	500 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 20.1 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2112.0	Q 2	4044211049263	500 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 115.3 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

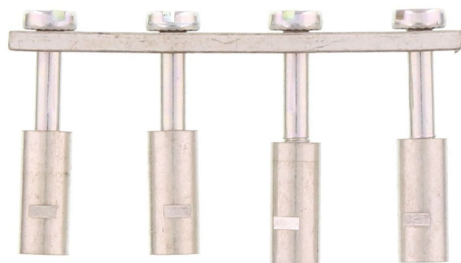
#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2115.0	Q 10	4044211049294	500 ST

## 1050.2 RK 16 BG

### Accessories

#### Cross-connector



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 43.9 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2114.0	Q 4	4044211049287	500 ST

### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

## 1050.2 RK 16 BG

### Accessories

#### Screwdriver

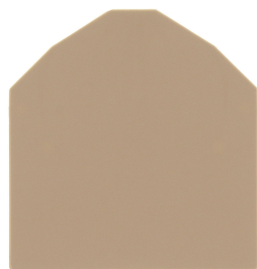


Screwdriver with bare blade, Colour: Black-grey

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
1087.0	SDB 0,8x4,0	4044211014803	500 ST

#### Partition plate



Partition plate, Width: 1.5 mm, Colour: Beige

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
2105.2	TW 16 BG	4044211049195	500 ST