

Specifications
 DIN VDE 0627
 DIN VDE 0110
 DIN EN 61 984

Approvals

Inserts
 Number of contacts 6, 14, 20, 40 (2 x 20)
 Electrical data acc. to DIN EN 61 984
 Working current 10 A
 Working voltage ~ 25 V / – 60 V
 Working voltage acc. to UL/CSA 50 V
 Insulation resistance $\geq 10^{10} \Omega$
 Material Polyamide
 Limiting temperatures - 40 °C / +100 °C
 Flammability acc. to UL 94 HB
 Mechanical working life - Mating cycles ≥ 500

Contacts
 Material copper alloy
 Surface - hard-silver plated
 Contact resistance $3 \mu\text{m Ag}$
 $\leq 2 \text{ m}\Omega$
 Screw terminal
 - mm^2 1.5 mm^2
 - AWG 16
 - Tightening/test torque 0.5 Nm
 Solder terminal
 - mm^2 2.5 mm^2
 - AWG 14

In accordance with the appropriate regulation a wire-end sleeve has to be used at clamps without wire protection (s. p. 00.12).

Hoods/Housings thermoplastic, Size 3 A
 Material Polycarbonate RAL 7032
 Locking element Polyamide RAL 7032
 Flammability acc. to UL 94 V 0
 Hoods/Housings seal NBR
 Limiting temperatures - 40 °C / +125 °C
 Degree of protection acc. to DIN EN 60 529 for coupled connector IP 44

Hoods/Housings metal
 Material Die cast aluminium alloy
 Material size 3 A Die cast zinc alloy
 Locking element Han-Easy Lock®
 Locking element size 3 A Steel, zinc plated
 Flammability acc. to UL 94 V 0
 Hoods/Housings seal NBR
 Limiting temperatures - 40 °C / +125 °C
 Degree of protection acc. to DIN EN 60 529 for coupled connector IP 65
 Size 3 A IP 44

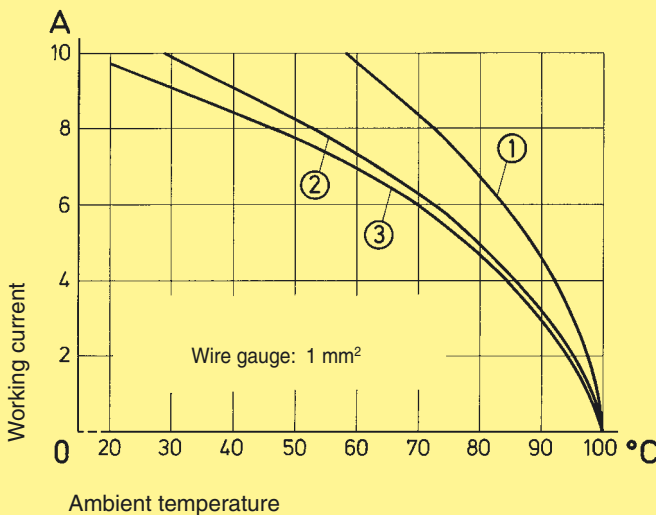
Further selection of hoods/housings chapter 30 / chapter 31

Accessories
 Cable clamps chapter 40
 Coding of hoods/housings chapter 40
 Label acc. to CSA-approval chapter 40
 Test connectors chapter 20

Current carrying capacity

The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals. The current capacity-curve is valid for continuous, not interrupted current-loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.

Control and test procedures according to DIN IEC 60 512-3.




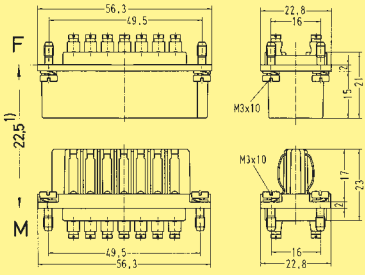
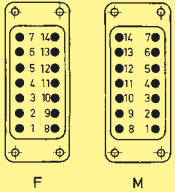

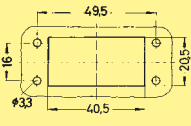
- ① Staf® 6
- ② Staf® 14
- ③ Staf® 20

Number of contacts

14



Inserts

Identification	Series	Part No.		Drawing	Dimensions in mm
		Female insert (M)	Male insert (F)		
<p>Screw terminal</p> 	Staf®	09 70 014 2811	09 70 014 2614	 <p>¹⁾ Distance for contact max. 24 mm</p> <p>Contact arrangement View from termination side</p> 	
<p>Solder terminal</p> 	Staf®	09 70 014 2810	09 70 014 2613	<p>Panel cut out for inserts for use without hoods/housings</p> 	

Staf