

R 15

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Specifications

DIN VDE 0627
DIN VDE 0110
DIN EN 61 984

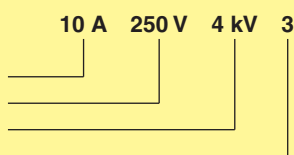
Approvals

 , SEV

Inserts

Number of contacts 7 + PE

Electrical data
acc. to DIN EN 61 984



Working current
Working voltage
Rated impulse voltage
Pollution degree

Working voltage
acc. to UL/CSA

600 V

Insulation resistance
Material
Limiting temperatures
Flammability acc. to UL 94
Mechanical working life
- Mating cycles

$\geq 10^{10} \Omega$
Polyamide
- 40 °C / +125 °C
HB
 ≥ 500

Contacts

Material copper alloy

Surface

- hard-silver plated
- hard-gold plated

3 μm Ag
2 μm Au over 3 μm Ni
 $\leq 3 \text{ m}\Omega$

Contact resistance

Crimp terminal

- mm^2
- AWG

0.14 - 2.5 mm^2
26 - 14

Hoods/Housings

Material

metal hoods/housings
thermoplastic resin

Hoods/Housings seal

NBR

Limiting temperatures

- 40 °C / +125 °C

Degree of protection acc. to DIN
40 050 for coupled connector

IP 65

Accessories

Crimping tools

chapter 99

Cable clamps

chapter 40

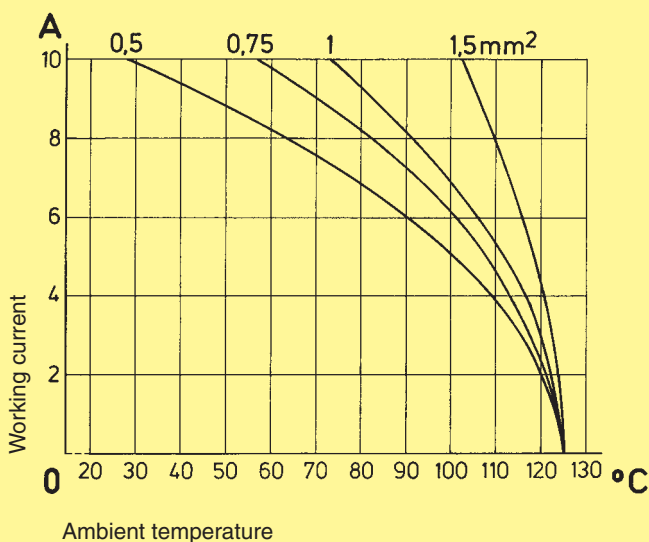
Label acc. to CSA-approval

chapter 40

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.



Number of contacts

7 +



Inserts

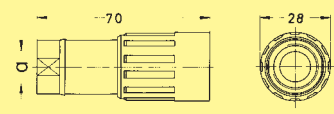
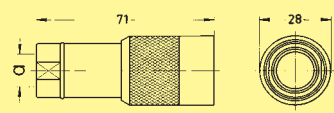
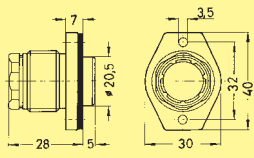
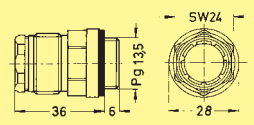
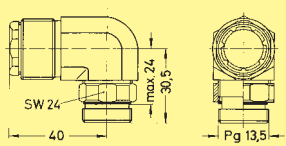
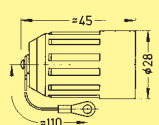
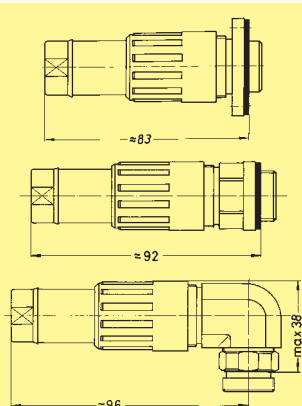
Identification	Series	Part No.		Drawing	Dimensions in mm
Crimp terminal Inserts for thermo-plastic hoods/housings Order crimp contacts separately 	R 15	09 15 007 3001	09 15 007 3101	Contact arrangement View from termination side Male insert (M)	
Crimp terminal Inserts for metal hoods/housings Order crimp contacts separately 	R 15	09 15 007 3021	09 15 007 3121	Female insert (F)	
Mounting example 					

R 15

Identification	Wire gauge (mm²)	Part No.		Drawing	Dimensions in mm
Crimp contacts silver plated	0.14-0.37 0.5 0.75 1.0 1.5 2.5	09 15 000 6104 09 15 000 6103 09 15 000 6105 09 15 000 6102 09 15 000 6101 09 15 000 6106	09 15 000 6204 09 15 000 6203 09 15 000 6205 09 15 000 6202 09 15 000 6201 09 15 000 6206		
gold plated	0.14-0.37 0.5 0.75 1.0 1.5 2.5	09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126	09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226		
FOC contacts for 1 mm plastic fibre		20 10 001 3211	20 10 001 3221		

10
11

Stock items in bold type

Identification		Part No.		Drawing	Dimensions in mm					
		thermoplastic	metal							
Hoods	Hoods		09 15 000 0401 19 15 000 0401	Pg 11 M 16						
			09 15 000 0421	Pg 11	 <table><tr><td></td><td>M</td><td>Pg</td></tr><tr><td>a</td><td>16</td><td>11</td></tr></table>		M	Pg	a	16
	M	Pg								
a	16	11								
Housings	Housings bulkhead mounting		09 15 000 0301	—						
	Housings screw mounting		09 15 000 0101	09 15 000 0121						
	Housings angled		09 15 000 0102	09 15 000 0122						
	Cover screw mounting		09 15 000 5401	—						
	Mounting example									

Stock items in bold type