lumbergautomation
A BELDEN BRAND

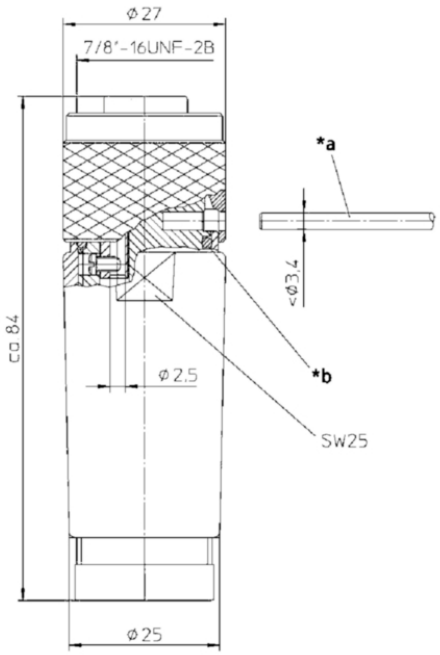
Product: RKC 50/11

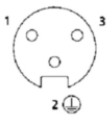
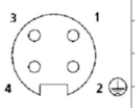
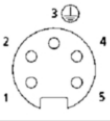
7/8" Power Field Attachable Connector: Female, straight, 5-pin(4+PE), black housing, 230 V AC/DC, 9 A

Product Description

7/8" Power Field Attachable Connector: Female, straight, 5-pin(4+PE), black housing, 230 V AC/DC, 9 A

Technical Drawing



Typ/ type	Polzahl/ number of poles		Kabelverschraubung/ screw joint for cable
RKC 30/9	3		Ø 6 - 8mm
RKC 30/11			Ø 8 - 10mm
RKC 30/13,5			Ø 10 - 12mm
RKC 30/16			Ø 12 - 14mm
RKC 40/9	4		Ø 6 - 8mm
RKC 40/11			Ø 8 - 10mm
RKC 40/13,5			Ø 10 - 12mm
RKC 40/16			Ø 12 - 14mm
RKC 50/9	5		Ø 6 - 8mm
RKC 50/11			Ø 8 - 10mm
RKC 50/13,5			Ø 10 - 12mm
RKC 50/16			Ø 12 - 14mm

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8" Circular Connectors
Brand:	Lumberg Automation
Connector Type:	Field Attachable
Type of Contact / Gender:	female
Connector Design:	straight
Number of Pins:	5(4+PE)
Shielding:	Unshielded
Attachment Type:	Coupling nut with externel threads
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current*:	9 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Type of Connection:	screw terminal
Cable Gland:	PG 11
Conductor Cross Section:	max. 1.5 mm²
Ambient Temperature (Operation)*:	-40 °C to +90 °C
Protection Degree / IP Rating**:	IP67
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	black
Housing Material:	PA 66
Housing Color:	black
Attachment Material:	Al (anodized) black
O-Ring Material:	NBR

Approvals

UL-File:	E104696
UL:	cURus

Safety & Environmental Compliance

RoHS Compliant:	yes

Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note:	Do not connect / disconnect under load.

Variants

Item #	Item Description
11222	RKC 50/11

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