



Extract from the online catalog

# RCK-TWUM/BL16+3/10,0PUR-U

Order No.: 1684085

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1684085>

Female connector M23, angled, 19-pos., with master cable 10 m

Commercial data	
EAN	4017918172039
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	2.3931 KG
Catalog page information	Page 128 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
05/22/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

General data	
Nominal voltage $U_N$	150 V
Number of positions	19
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Master cable data	
Type of connection	M23 screw locking
Length of cable	10 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	16 x 0.5 mm <sup>2</sup>

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AWG signal line	20
Conductor structure, signal line	64x 0.10 mm
Power supply cross section	3x 1 mm <sup>2</sup>
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1500000
Bending radius	120 mm
Traversing path	2 m
Traversing rate	2 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation) -5 °C ... 80 °C (for flexible installation)

**Insulation material**

Housing material	PUR
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of the contact carrier on the master cable side	PA

**Connection assignment**

Slot/position = pin = conductor color	1 / 4 (A) = 15 = WH
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	1 / 2 (B) = 7 = GY/PK
	2 / 4 (A) = 5 = GN
	2 / 2 (B) = 4 = RD/BU
	3 / 4 (A) = 16 = YE
	3 / 2 (B) = 8 = WH/GN
	4 / 4 (A) = 3 = GY
	4 / 2 (B) = 14 = BN/GN
	5 / 4 (A) = 17 = PK
	5 / 2 (B) = 9 = WH/YE
	6 / 4 (A) = 2 = RD
	6 / 2 (B) = 13 = YE/BN
	7 / 4 (A) = 11 = BK
	7 / 2 (B) = 10 = WH/GY
	8 / 4 (A) = 1 = VT
	8 / 2 (B) = 18 = GY/BN
	1-8 / 1 (+ 120 V) = 19 = BN
	1-8 / 3 (0 V) = 6 = BU
	1-8 / 5 (PE) = 12 = GN/YE

**Certificates / Approvals**



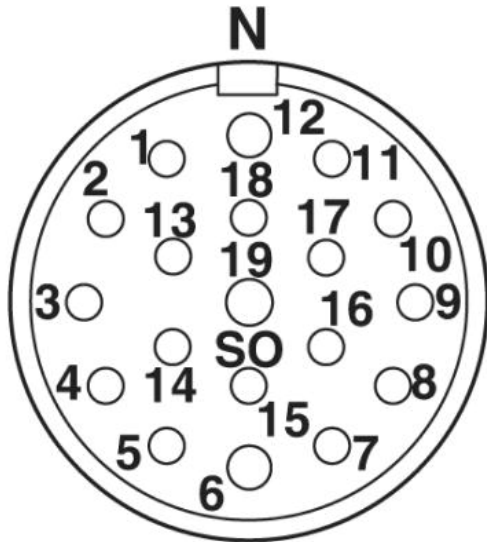
Certification

GOST

## Drawings

Schematic diagram

Pin assignment M23 socket, 19-pos., female side view



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