

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Connector in molded plastic on both sides, Length: 5 m, Color of outer sheath: orange RAL 2003

Product Features

- Our standard: robust halogen-free PUR cable
- Simple and safe: 100% electrically tested and assembled ready for use
- Designs with pre-assembled cables on one or both sides
- High flexibility: customer-specific assemblies and cable lengths can be supplied



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85444290
Country of origin	Germany

Technical data

Conductor length	5 m
Nominal current	26 A

Connector specifications

Туре	straight plastic-sheathed
Thread type	M23
Locking type	Screw locking
Degree of protection	IP67, when in locked state
Number of positions	4+3+PE
Direction of rotation	Standard
Type of contact	Socket



Technical data

Connector specifications

Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	30 A
Voltage	630 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	6 kV
Ambient temperature (operation)	-40 °C 105 °C

Cable specifications

Type of cable	PSLC11Y-J	
Shielded	yes	
Cable structure	4 x 2.5 mm² + 2 x 2 x 1.0 mm² StC	
External cable diameter	13.5 mm ±0.4 mm	
Outer sheath, material	PUR	
Material wire insulation	TPM	
External sheath, color	orange RAL 2003	
Nominal voltage, cable	1000 V	
Test voltage	4 kV (2 kV signal)	
Smallest bending radius, movable installation	135 mm	
Number of bending cycles	10000000	
Bending radius	135 mm	
Traversing path	6 m	
Acceleration	5 m/s ²	
Ambient temperature for fixed installation	-40 °C 80 °C	
Ambient temperature for flexible installation	-20 °C 60 °C	
Special properties	Flexible cable conduit capable	
Flame resistance	IEC 332-1	
Halogen-free	DIN VDE 0472	

Connector specifications (second page)

Туре	straight plastic-sheathed
Housing material	Zinc die-cast
Thread type	M23
Degree of protection	IP67, when in locked state
Number of positions	4+3+PE
Direction of rotation	Standard



Technical data

Connector specifications (second page)

Type of contact	Male connector
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	30 A
Voltage	630 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	6 kV
Ambient temperature (operation)	-40 °C 105 °C

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001855
ETIM 5.0	EC001578

UNSPSC

UNSPSC 6.01	26121604
UNSPSC 7.0901	26121604
UNSPSC 11	26121604
UNSPSC 12.01	26121604
UNSPSC 13.2	26121604

Approvals

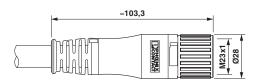
Approvals



Approvals	
Approvals EAC	
Ex Approvals	
Approvals submitted	
Approval details	
EAC	
Drawings	
Schematic diagram	Schematic diagram

Socket pin assignment

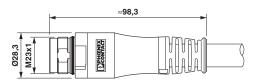
Dimensional drawing





Pin assignment of pin

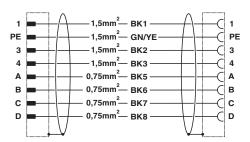
Dimensional drawing



On the female side Pin side



Circuit diagram



Contact assignment of M23 plugs/sockets

Phoenix Contact 2016 © - all rights reserved http://www.phoenixcontact.com