


SM-7EP1N8A9L34S

Order No.: 1613433



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1613433>

Coupler connector, straight, SPEEDCON locking, M40, Number of positions: 4+3+PE, Type of contact: Male connector, Crimp connection, shielded: Yes, Cable diameter: 20.5 mm...26.5 mm

Commercial data	
EAN	4  046356 400251
Note	Made-to-order
sales group	D300
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.3943 KG
Net weight per piece	0.1327 KG
Catalog page information	Page 381 (C-2-2013)

Product notes

WEEE/RoHS-compliant since: 01/01/2005



<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	
Note	Order information Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately
Type of locking	SPEEDCON locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector

Number of positions	8
Contact diameter of power contacts	3.6 mm
Nominal current per power contact at 25°C	70 A
Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	30 A
Conductor entry	20.5 mm ... 26.5 mm

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

Material

Housing material	Turned parts: copper zinc alloy (CuZn), aluminum (Al), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	250 V
Rated surge voltage of signal contacts	4 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

Certificates / Approvals

Certification

Certifications applied for:

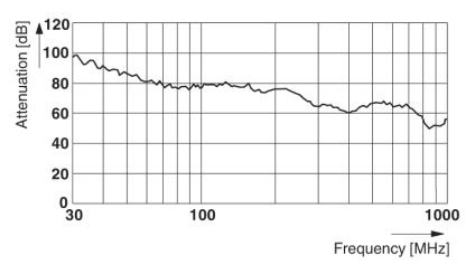
Certification Ex:

Accessories

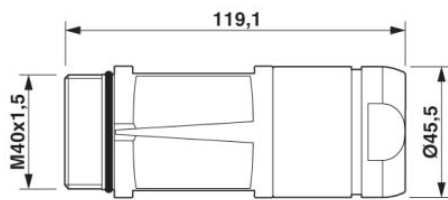
Item	Designation	Description
General		
1605736	SM-20KP005	Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.75 mm ² ...1.5 mm ²
1605738	SM-20KP006	Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.25 mm ² ...1 mm ²
1605739	SM-20KP007	Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm ² ...2.5 mm ²
1605741	SM-20KP008	Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 2.5 mm ² ...4 mm ²
1605749	SM-36KP005	Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm ² ...2.5 mm ²
1605750	SM-36KP006	Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 2.5 mm ² ...4 mm ²
1605752	SM-36KP007	Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 6 mm ² ...10 mm ²
1605754	SM-36KP008	Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 4 mm ² ...6 mm ²
1605866	SM-Z0001	Plastic dust protection cap for connectors with M40 external thread
1620558	SM-Z0025	Color-coding, Color: green
1620559	SM-Z0026	Color-coding, Color: orange
1620560	SM-Z0027	Color-coding, Color: black

Drawings

Diagram

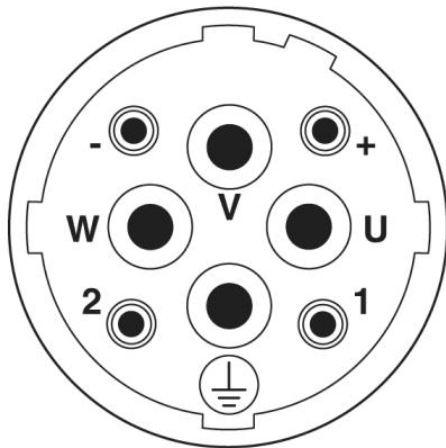


Dimensioned drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2014 Phoenix Contact
Technical modifications reserved;