

Cable connector - SL-5ES1N8A8002 - 1607503

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Cable connector, straight, Screw locking, M58, Number of positions: 2+3+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable diameter: 17 mm...25 mm

The figure shows the 8-pos. (4+3+PE) product version



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 271677
Weight per Piece (excluding packing)	994.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information Order crimp contacts 2 x Ø 1.6 mm, 4 x Ø 10 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	6
Contact diameter of power contacts	10 mm
Nominal current per power contact at 25°C	150 A
Contact diameter of signal contacts	1.6 mm
Nominal current per signal contact at 25°C	12 A
Conductor entry	17 mm ... 25 mm

Ambient conditions

Ambient temperature	-20 °C ... 120 °C
Degree of protection	IP67

Cable connector - SL-5ES1N8A8002 - 1607503

Technical data

Material

Housing material	Aluminum
Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	2000 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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Cable connector - SL-5ES1N8A8002 - 1607503

Approvals


Approvals


VDE Gutachten mit Fertigungsüberwachung / IECCEB CB Scheme

Ex Approvals

Approvals submitted

Approval details

VDE Gutachten mit Fertigungsüberwachung 	
mm ² /AWG/kcmil	0.75-1.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

IECEE CB Scheme 	
mm ² /AWG/kcmil	0.75-1.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

Accessories

Accessories

Crimp contact

Crimp contact - SL-1CKS010 - 1607916



Crimp contact, turned, Contact diameter: 10 mm, Crimp range: 10 mm²...10 mm²

Cable connector - SL-5ES1N8A8002 - 1607503

Accessories

Crimp contact - SL-1CKS020 - 1607917



Crimp contact, turned, Contact diameter: 10 mm, Crimp range: 16 mm²...16 mm²

Crimp contact - SL-1CKS030 - 1607918



Crimp contact, turned, Contact diameter: 10 mm, Crimp range: 25 mm²...25 mm²

Crimp contact - SL-1CKS040 - 1607919



Crimp contact, turned, Contact diameter: 10 mm, Crimp range: 35 mm²...35 mm²

Crimp contact - SL-1CKS050 - 1607920



Crimp contact, turned, Contact diameter: 10 mm, Crimp range: 50 mm²...50 mm²

Crimp contact - SL-16KS010 - 1607956

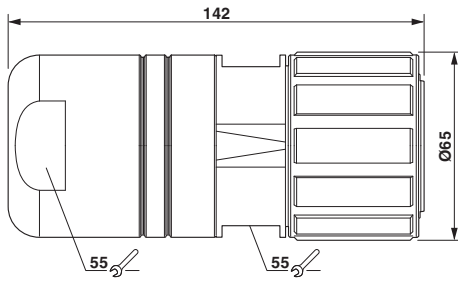


Crimp contact, turned, Contact diameter: 1.6 mm, Crimp range: 0.75 mm²...1.5 mm²

Drawings

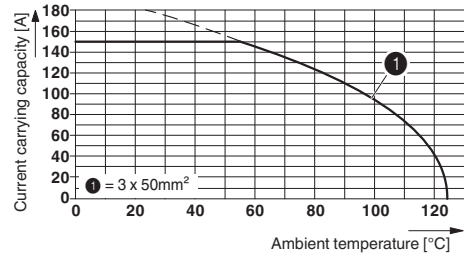
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Dimensioned drawing

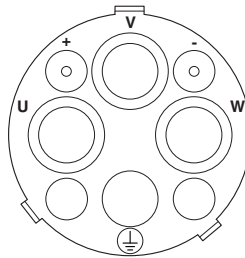


Dimensional drawing

Diagram



Schematic diagram



Connector pin assignment