

Cable plug-in connector - SM-7ES1N8A8003 - 1605852

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Cable plug-in connector, straight short, Screw locking, M40, Number of positions: 4+3+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 12.5 mm...17 mm



Key commercial data

Packing unit	1 PCE
GTIN	 4 046356 182546
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Technical data

Note	Order information Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately
Ambient temperature	-20 °C ... 125 °C
Type of locking	Screw locking
Degree of protection	IP67
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
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	12.5 mm ... 17 mm

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Material data

Housing material	Turned parts: copper zinc alloy (CuZn), 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 signal contacts	630 V
Rated surge voltage of signal contacts	6 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3
Nominal / operating voltage of power contacts	250 V
Rated surge voltage of power contacts	4 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001121

UNSPSC

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

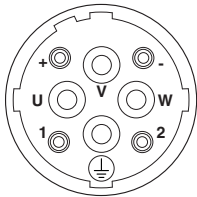
eCl@ss

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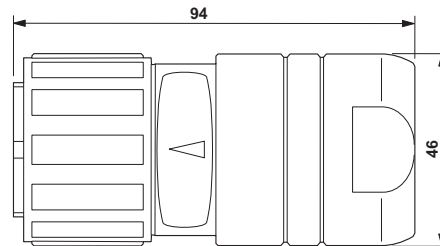
Drawings

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Schematic diagram



Dimensioned drawing



SM-...S1N8A8003

Dimensioned drawing

