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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Device connector, front mounting - SM-7EPWN8AAD00S - 1607931

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Device connector, front mounting, angled rotatable, SPEEDCON locking, M40, Number of positions: 4+3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ4,4, Shielded: Yes, Flange dimensions: 40 mm x 40 mm



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	449.4 GRM
Custom tariff number	85366990
Country of origin	Germany

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
Mounting type	4xØ4,4

Ambient conditions

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

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Technical data

Material

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 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	EC002635

UNSPSC

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

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Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 

Accessories

Accessories

Crimp contact

Crimp contact - SM-36KP001 - 1605743



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 0.75 mm²...1.5 mm²

Crimp contact - SM-36KP009 - 1607057



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm²...2.5 mm²

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Accessories

Crimp contact - SM-36KP002 - 1605744



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 1 mm²...4 mm²

Crimp contact - SM-36KP003 - 1605745



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 4 mm²...6 mm²

Crimp contact - SM-36KP004 - 1605747



Crimp contact, turned, Single contact, Contact diameter: 3.6 mm, Crimp range: 6 mm²...10 mm²

Crimp contact - SF-7RP2000 - 1605646



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.14 mm²...0.25 mm²

Crimp contact - SF-7PP2000 - 1605634



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 0.25 mm²...1 mm²

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Accessories

Crimp contact - SF-20KP004 - 1607376



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.75 mm²...1.5 mm²

Crimp contact - SF-7QP2000 - 1605639



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm²...2.5 mm²

Crimp contact - SF-7MP2000 - 1605626



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 4 mm²...4 mm²

Mounting material

Plastic dust protection cap - SM-Z0001 - 1605866

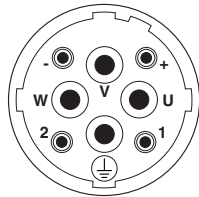


Plastic dust protection cap for connectors with M40 external thread

Drawings

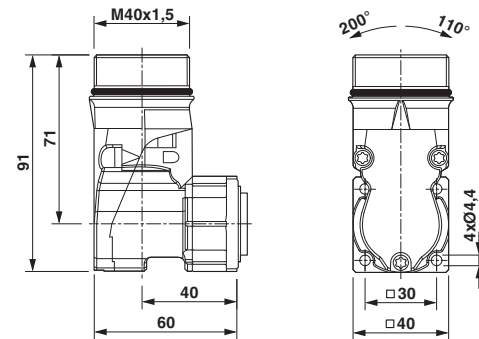
Device connector, front mounting - SM-7EPWN8AAD00S - 1607931

Schematic diagram



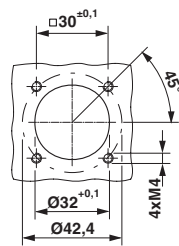
Connector pin assignment

Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Installation dimensions

Diagram

