SAC-5PH-MK-FK/2XFK F VP SH - H distributor

1080246

https://www.phoenixcontact.com/us/products/1080246

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 documentation. Our general terms of use for downloads are valid.



H distributor, 5-position, Plug straight M12, coding: K, on Socket straight M12, coding: K and Socket straight M12, coding: K, for alternating current up to 16 A/630 V, Parallel distributor

Your advantages

- High-performance: AC connectors for up to 16 A and 630 V AC

Commercial data

Item number	1080246
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GAP
GTIN	4055626802596
Weight per piece (including packing)	125.3 g
Weight per piece (excluding packing)	125.3 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
General	UL approval in preparation

Product properties

Product type	H-distributor
Application	Power supply
Number of positions	5
No. of cable outlets	3
Shielded	yes
Coding	K
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

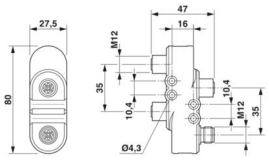
Electrical properties

Nominal voltage U_N	630 V AC
Nominal current I_N	16 A (at 40 °C)

Signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Width	28 mm
Height	47 mm
Length	80 mm
Center distance	35 mm

Material specifications

Material	CuZn
	CuNi

Flammability rating according to UL 94	V0
Seal material	HNBR
Material of grip body	PBT
Contact surface material	Au
Contact carrier material	PBT
Material for screw connection	Brass, nickel-plated

Connector

Connection 1

Type	Plug straight M12
Coding type	K

Connection 2

Type	Socket straight M12
Coding type	K

Connection 3

Type	Socket straight M12
Coding type	K

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

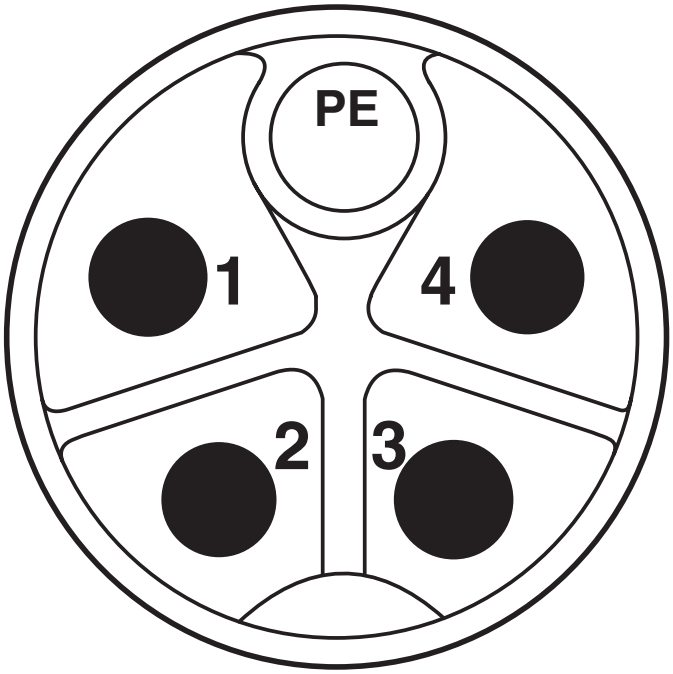
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-111

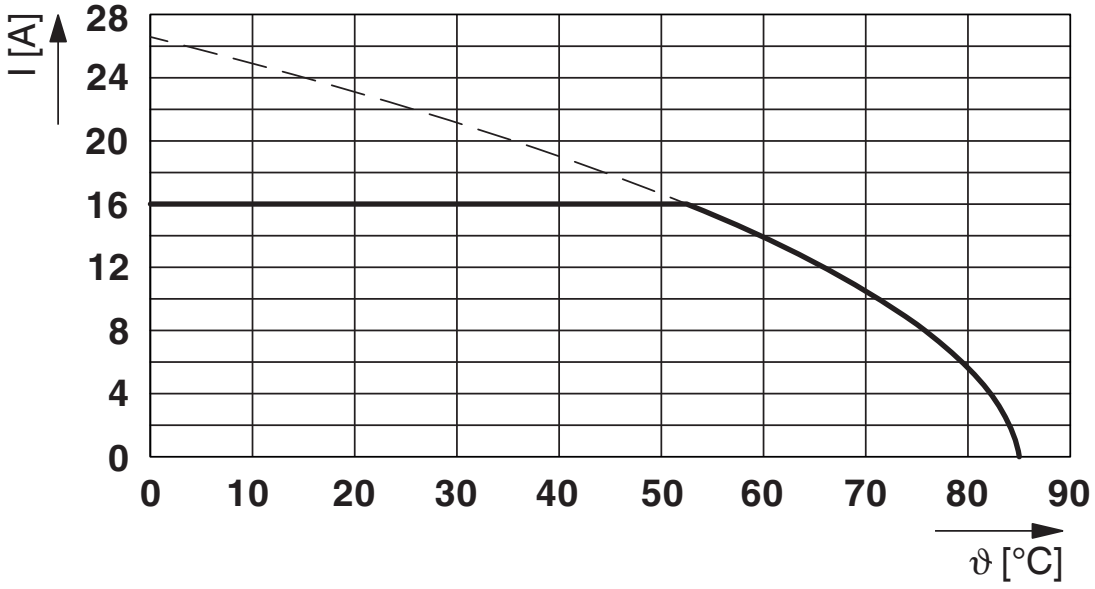
Drawings

Schematic diagram



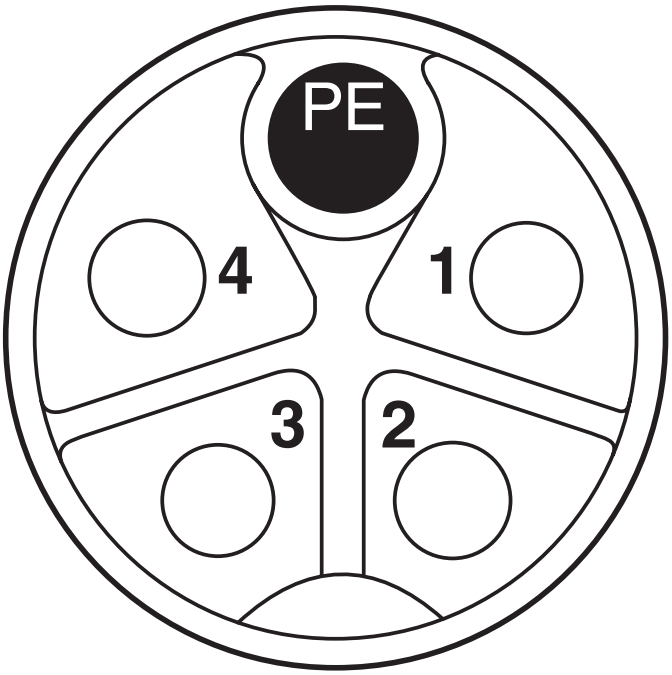
Pin assignment of M12 male connector, 4-pos.+PE, K-coded, view of pin side

Diagram



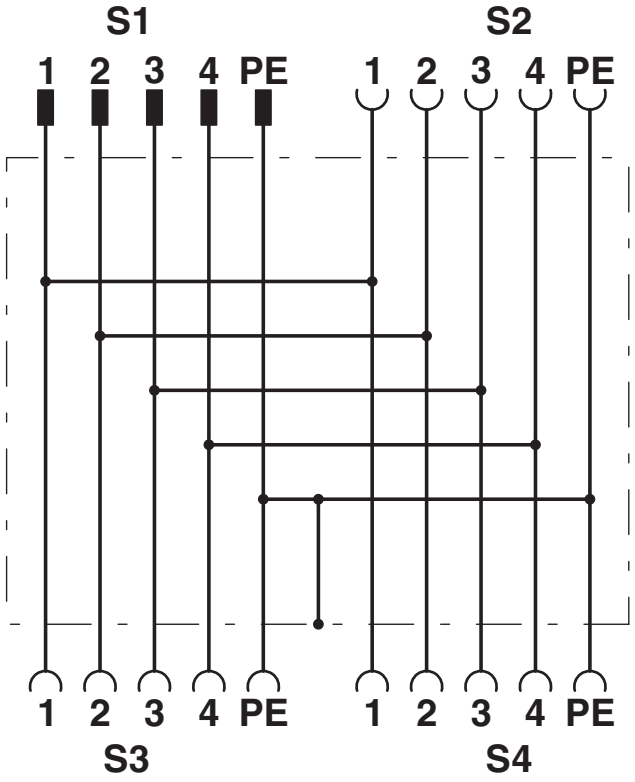
Current carrying capacity

Schematic diagram

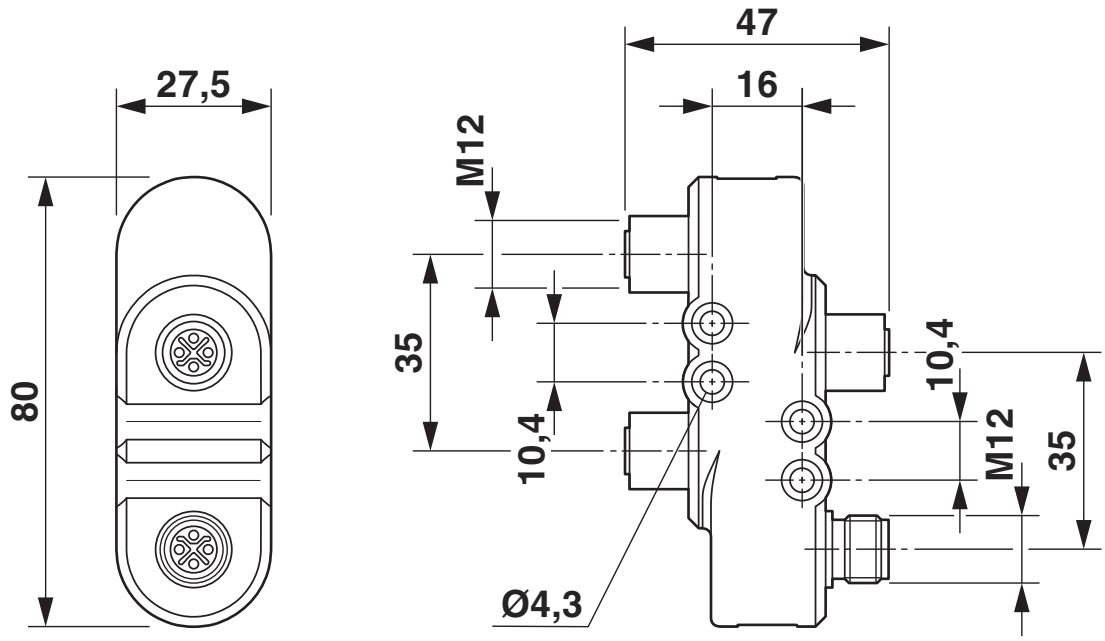


Pin assignment of M12 socket, 4-pos.+PE, K-coded, socket side view

Circuit diagram



Dimensional drawing



M12 H-distributor

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1080246

EAC
Approval ID: RU C-DE.BL08.B.00511

Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Accessories

UCT-EM (7X10) - Snap-in markers

0830765

https://www.phoenixcontact.com/us/products/0830765



Snap-in markers, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 7 x 10 mm, Number of individual labels: 30

Phoenix Contact 2024 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com