SAC-4PY-FS/MS-FS F VP SH - Y distributor

1080243

https://www.phoenixcontact.com/us/products/1080243

Y distributor, 4-position, shielded, Plug straight M12, coding: S, on Socket straight M12, coding: S and Socket straight M12, coding: S, 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	1080243
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GAP
GTIN	4055626802565
Weight per piece (including packing)	95.8 g
Weight per piece (excluding packing)	95.8 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.
Notes on the product family	UL approval in preparation

Product properties

Product type	Y-distributor
Application	Power supply
Number of positions	4
No. of cable outlets	2
Shielded	yes
Coding	S
Thread type	M12

Data management status

Article revision	00

Insulation characteristics

Overvoltage category	III
Degree of pollution	3
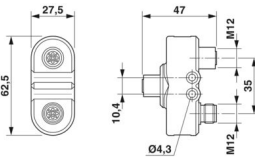
Electrical properties

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	62.5 mm
Center distance	35 mm

Material specifications

Material	CuZn (Pin contact)
	(Female contact)
Flammability rating according to UL 94	V0
Seal material	NBR
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	S

Connection 2

Type	Socket straight M12
Coding type	S

Connection 3

Type	Socket straight M12
Coding type	S

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

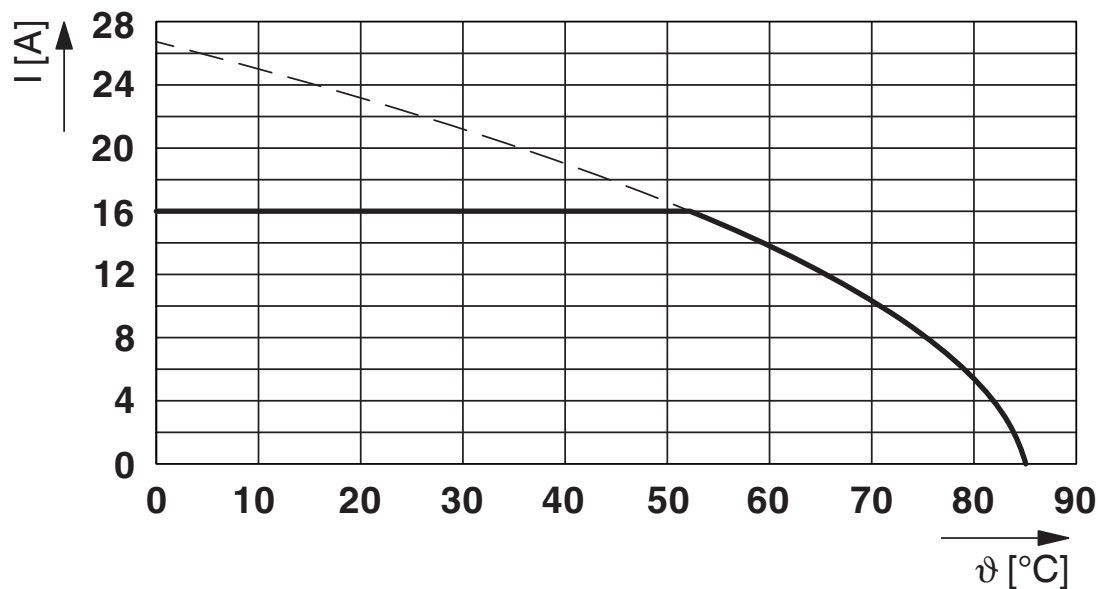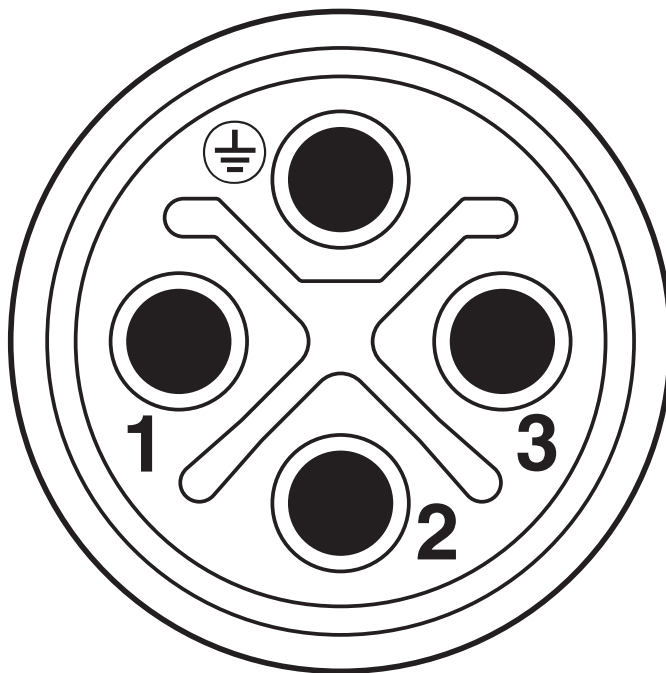| Standard designation	M12 connector
Standards/specifications	IEC 61076-2-111

Drawings

Diagram

Current carrying capacity

Schematic diagram
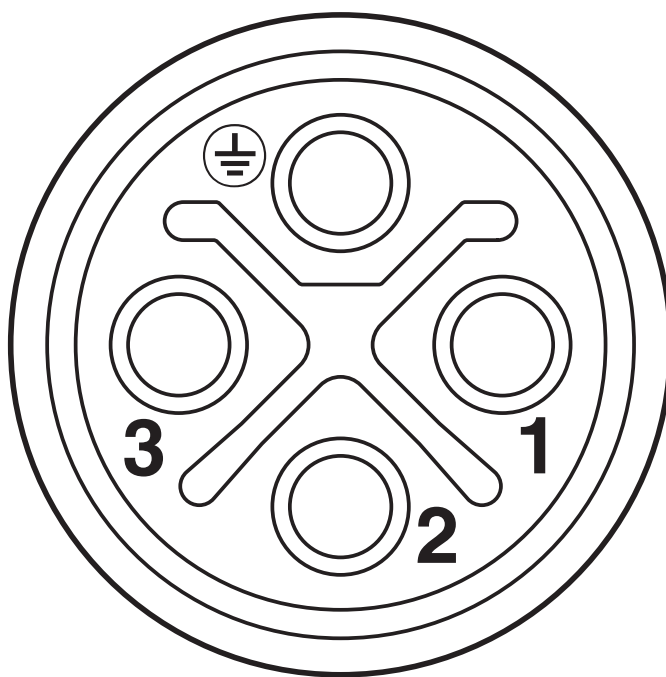

Pin assignment of M12 connector, 3-pos.+PE, S-coded, pin side view

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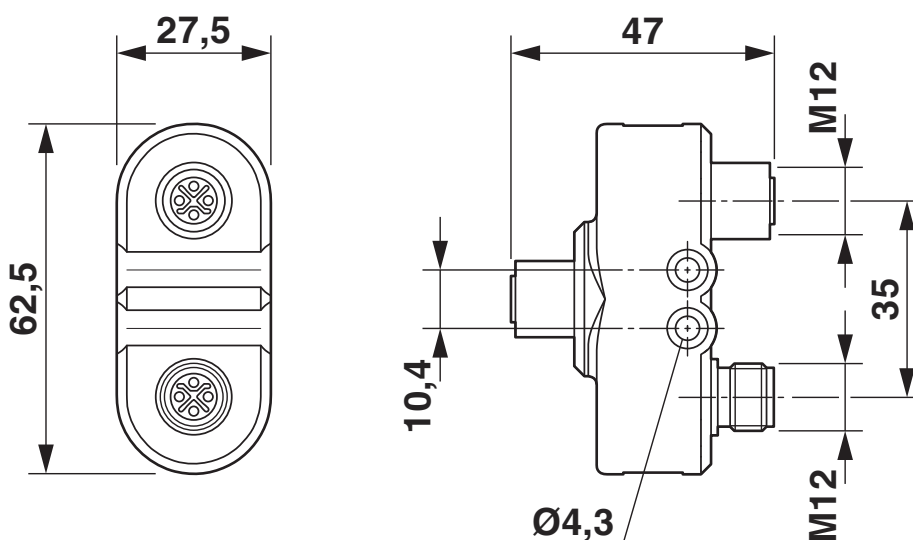
Schematic diagram

Pin assignment of M12 socket, 3-pos.+PE, S-coded, socket side view
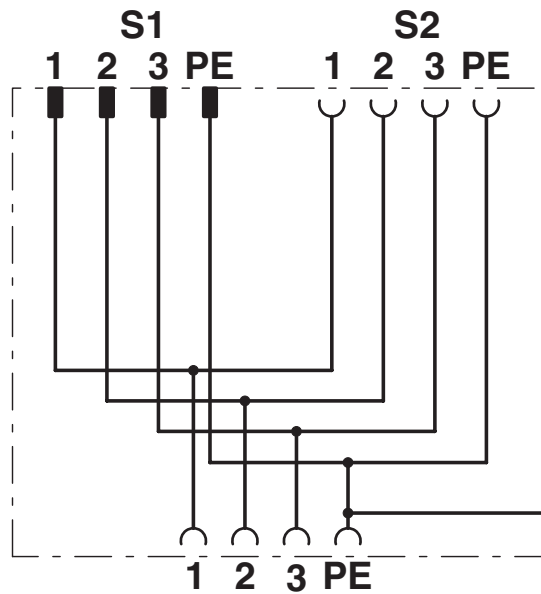
Dimensional drawing

M12 Y distributor

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Circuit diagram

Approvals

🔅 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1080243

	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%

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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: latching, Number of individual labels: 30, text field height: 10 mm, text field width: 7 mm

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