

Distributor - SAC-ASI-J-Y-N-PUR-2,0-OE - 1407580

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AS-Interface distributor with a high degree of protection, for a branch from one flat-ribbon conductor to a 2.0 m PUR round cable with free cable end



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 780001
GTIN	4046356780001

Technical data

Dimensions

Length of cable	2 m
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Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 75 °C
	-25 °C ... 80 °C (cable, flexible installation)
	-40 °C ... 80 °C (cable, fixed installation)
Ambient temperature (storage/transport)	-25 °C ... 85 °C

General data

Rated current at 40°C	4 A
Rated voltage	≤ 32 V DC
Number of positions	2
Overvoltage category	III
Degree of pollution	3
Connection method	AS-i penetration technique

Characteristics head 1

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Technical data

Characteristics head 1

Head type	Load center lateral AS-i Screw locking
No. of positions (pin connector pattern)	2
Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PBT (Contact carriers)
	PBT (Housing)
	Stainless steel (Screw connection)
Torque	1.65 Nm (Locking screw)
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Type type, socket side	free cable end

Characteristics head 2

Head type	free cable end
Color	black

Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
UL AWM style	20549 / 10493
Conductor cross section	4x 0.34 mm ² (Signal line)
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.25 mm ±0.05 mm
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	black
External cable diameter D	4.3 mm ±0.2 mm
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Ambient temperature (operation)	-40 °C ... 80 °C (fixed routing)
	-25 °C ... 80 °C (Flexibly installed)
Ambient temperature (storage/transport)	-40 °C ... 85 °C

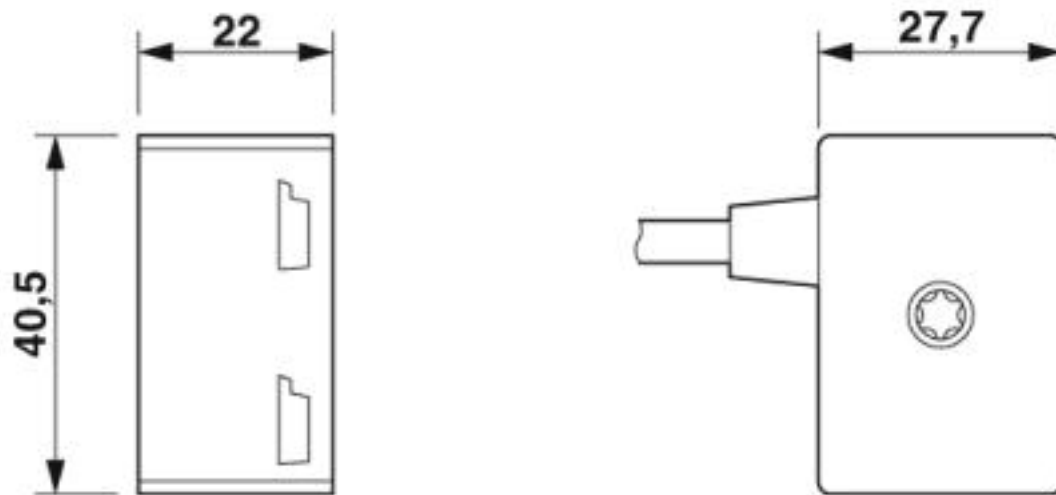
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

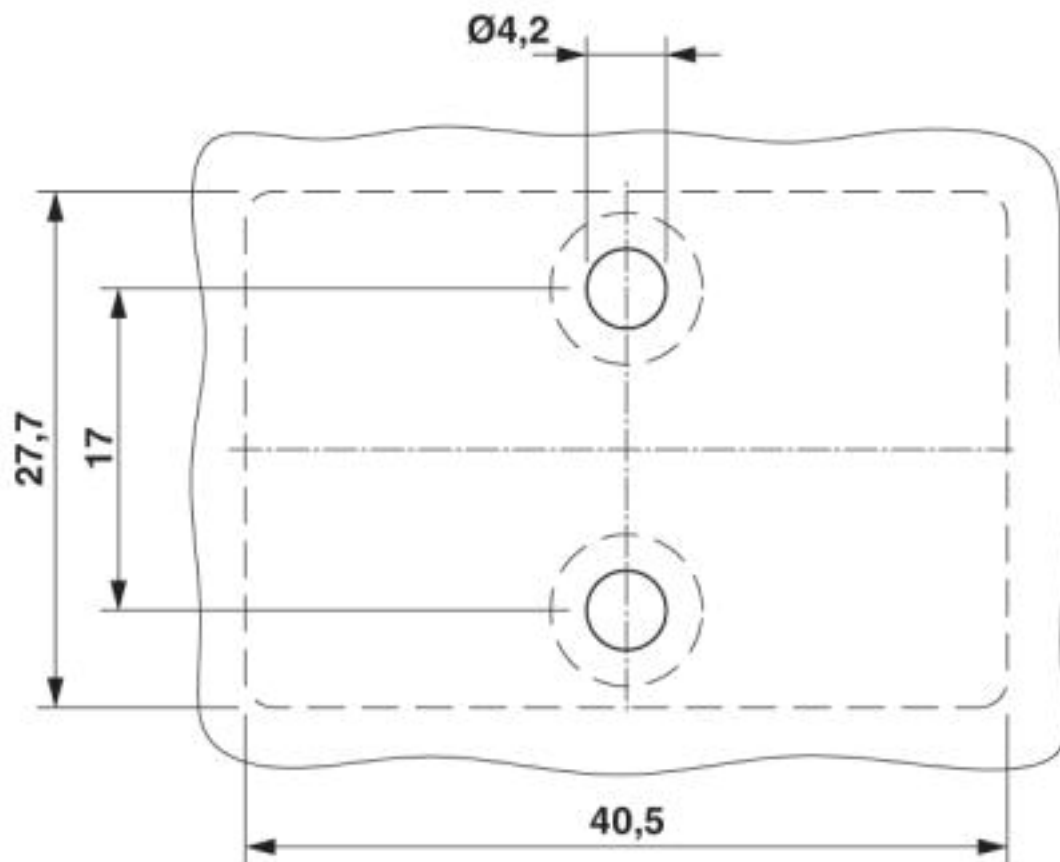
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Dimensional drawing



Distributor, AS-Interface

Dimensional drawing



Distance and position of the mounting holes

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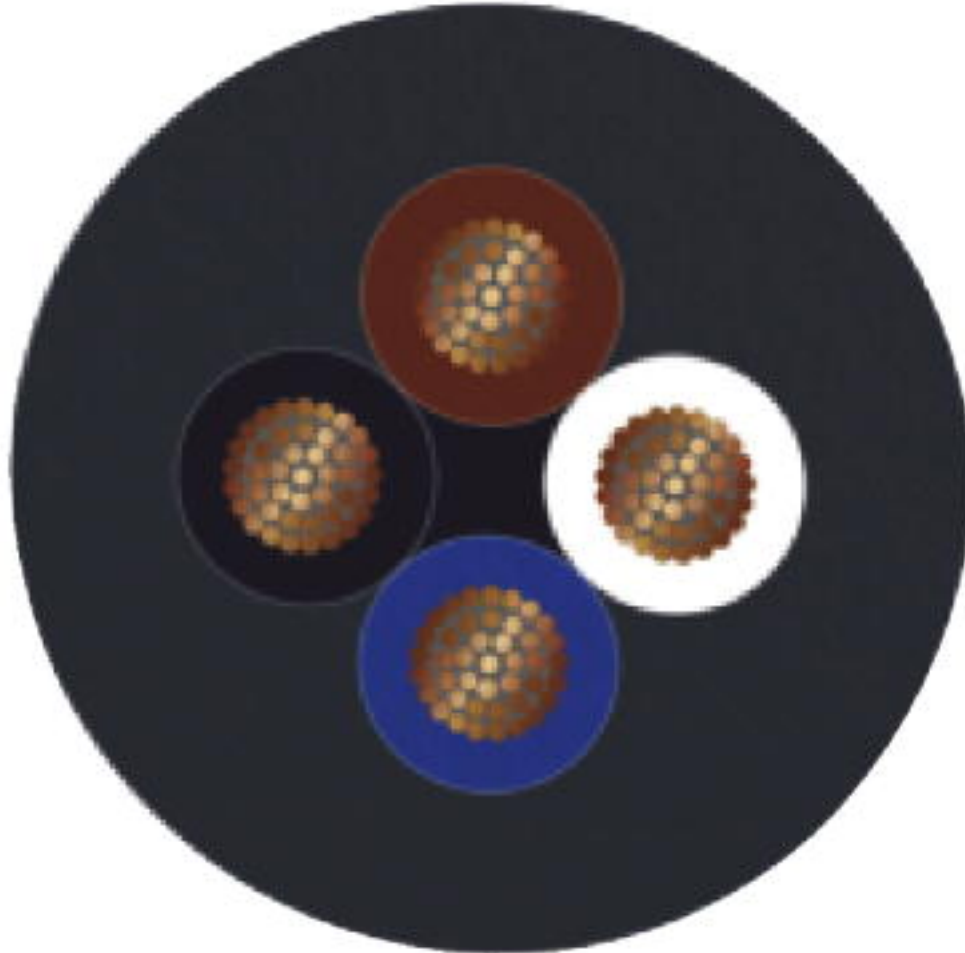
Circuit diagram



Contact assignment of the AS-Interface distributor

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Cable cross section



PUR halogen-free black [PUR]

Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279219
eCl@ss 9.0	27440106

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Classifications

ETIM

ETIM 3.0	EC000516
ETIM 4.0	EC001855
ETIM 5.0	EC001855
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Accessories

Accessories

Circular connector (cable-side)

Connector - SACC-FS-4QO-0,34-M SCO - 1521588



Connector, Universal, 4-position, Socket straight M12 SPEEDCON, Coding: A, Insulation displacement connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 3.5 mm ... 6 mm

Connector - SACC-M12FS-4QO-0,34 - 1641701



Connector, Universal, 4-position, Socket straight M12, Coding: A, Insulation displacement connection, knurl material: Plastic, external cable diameter 3.5 mm ... 6 mm

Connector - SACC-M12FS-4QO-0,34-VA - 1440766



Connector, Universal, 4-position, Socket straight M12, Coding: A, Insulation displacement connection, knurl material: Stainless steel 1.4404, external cable diameter 3.5 mm ... 6 mm

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Accessories

Electronics pliers

Diagonal cutter - MICROFOX-SB - 1212489



Electronic diagonal cutter, round head, without chamfer, with opening spring, mirror-polished and oiled, 2-component grip, cutting capacity: soft 0.2 - 2.0 mm; medium hard 1.2 mm; hard 0.5 mm diameter

Screwdriver tools

Screwdriver - SZK PH2 VDE - 1205163



Screwdriver, PH crosshead, VDE insulated, size: PH 2 x 100 mm, 2-component grip, with non-slip grip

Stripping tool

Stripping tool - WIREFOX-D 11 - 1212160



Stripping tool, for stripping multicore signal, control and fiberglass wires of Ø 2.5 - 11 mm. Insulation thickness up to 1 mm

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>