SAC-ASI-J-Y-B-FFKDS - Distributor

1407579

https://www.phoenixcontact.com/us/products/1407579

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AS-Interface distributor, for a branch from two flat-ribbon conductors to two double spring-cage terminal blocks

Commercial data

Item number	1407579
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GFA
GTIN	4046356779999
Weight per piece (including packing)	38 g
Weight per piece (excluding packing)	38 g
Customs tariff number	85366990
Country of origin	VN

Technical data

Product properties

Product type	Network distributor box
Number of positions	4

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Nominal voltage U_N	≤ 32 V DC
Nominal current I_N	4 A
Transmission medium	Copper

Connection data

Connection technology

Connection method	AS-i penetration technique

Connection assignment

Contact | Color (signal designation) | Contact (optional)	1+ (Spring-cage connection) (AS-i+) | 3.1 (AS-i distributors)
	1- (Spring-cage connection) (AS-i-) | 3.2 (AS-i distributors)
	2+ (Spring-cage connection) (AS-i+) | 4.1 (AS-i distributors)
	2- (Spring-cage connection) (AS-i-) | 4.2 (AS-i distributors)

Interfaces

Signal type/category	CANopen®
	DeviceNet™

Signaling

Status display	no
Status display present	no

Material specifications

Material Housing	PBT

Connector

Connection 1

Type	Load center AS-i Screw locking
Number of positions	4
Locking type	Screw locking mechanism
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	PBT (Contact carrier)

	PBT (Housing)
	Stainless steel (Screw connection)
Tightening torque	1.65 Nm (Locking screw)

Connection 2

Type	Spring-cage terminal block straight
Number of positions	4
Material	CuSn (Contact)
	tin-plated (Contact surface)
	PA (Contact carrier)

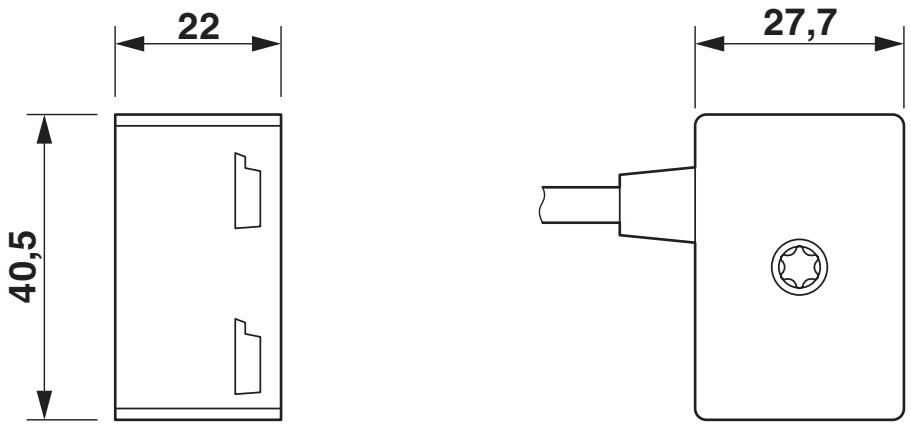
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

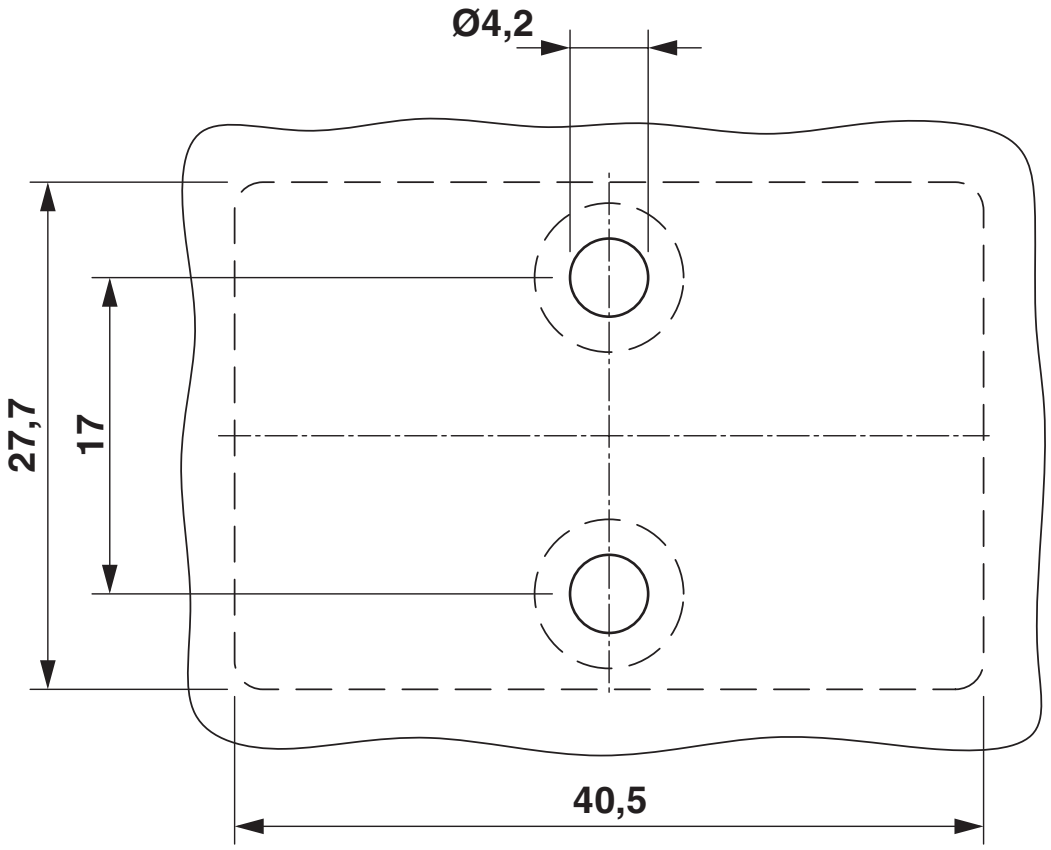
Drawings

Dimensional drawing



Distributor, AS-Interface

Dimensional drawing



Distance and position of the mounting holes

Circuit diagram



Contact assignment of the AS-Interface distributor

Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 10.0	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-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

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

EF3.1 Climate Change

CO2e kg	3.77 kg CO2e

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