

# SAC-ASI-J-Y-N-M12FS - Distributor



1405619

<https://www.phoenixcontact.com/us/products/1405619>

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AS-Interface distributor with a high degree of protection, for a branch from one flat-ribbon conductor to one straight, A-coded, 2-pos. M12 socket

## Commercial data

Item number	1405619
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GFA
Catalog page	Page 440 (C-2-2019)
GTIN	4046356754958
Weight per piece (including packing)	44.857 g
Weight per piece (excluding packing)	44 g
Customs tariff number	85366990
Country of origin	VN

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## Technical data

### Product properties

Product type	Network distributor box
Number of positions	2
Coding	A

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Nominal voltage $U_N$	$\leq 32$ V DC
Nominal current $I_N$	4 A
Transmission medium	Copper

### Connection data

#### Connection technology

Connection method	AS-i penetration technique
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#### Pin assignment

Contact   Color (signal designation)   Contact (optional)	1 (M12 socket) (AS-i+)   3.1 (AS-i distributors)
	2 (M12 socket)   N.C.
	3 (M12 socket) (AS-i-)   3.2 (AS-i distributors)
	4 (M12 socket)   N.C.
	5 (M12 socket)   N.C.

### Interfaces

Bus system	AS-Interface
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### Signaling

Status display	No
Status display present	No

### Material specifications

Material Housing	PBT
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### Connector

#### Connection 1

Type	Load center AS-i Screw locking
Number of positions	2
Locking type	Screw locking mechanism
Material	CuSn (Contact) Ni/Au (Contact surface)

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

## Connection 2

Type	Socket straight M12
Number of positions	2 (5)
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	TPE-U (Contact carriers)
	Zinc die-cast, nickel-plated (Screw connection)
Insertion/withdrawal cycles	≥ 100
Tightening torque	0.4 Nm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 75 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

## Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002925
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### UNSPSC

UNSPSC 21.0	31251500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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