

FLKM-2KS40/PMT/SI/Z/YCS - Passive module



2321936

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VARIOFACE interface module for Yokogawa I/O AAI135 and AAI835 modules.



Commercial data

Item number	2321936
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK218N
GTIN	4046356418485
Weight per piece (including packing)	221.133 g
Weight per piece (excluding packing)	226.1 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
No. of channels	8
Operating mode	100% operating factor

Data management status

Article revision	06
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (DC)	≤ 30 V DC
Fuse	0.05 A TR5 (slow-blow) (F1 ... F16)
Current (per branch)	≤ 0.05 A ($T_U = 23$ °C)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μ s)

Supported controller YOKOGAWA CS3000 CentumVP

Suitable I/O card	AAI135
	AAI835

Supported controller YOKOGAWA STARDOM

Suitable I/O card	NFAI135
	NFAI835

Connection data

Connection 1 (control level)

Connection method	Yokogawa KS-compatible
Number of connections	2
Number of positions	40
Note	Usable system cables: Phoenix Contact YUC40, Yokogawa KS1
Tightening torque	0.5 Nm
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Push-in spring connection
Stripping length	10 mm
Number of positions	16
Conductor cross section rigid	0.2 mm ² ... 1.5 mm ²

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Conductor cross section flexible	0.2 mm² ... 1.5 mm²
	0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
Conductor cross section AWG	24 ... 16
Pitch	5.08 mm

Connection 3 (field level)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of connections	1
Number of positions	16
Pitch	5.08 mm

Signaling

Status display present	No
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Dimensions

Item dimensions

Width	91.6 mm
Height	111.8 mm
Depth	55.4 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≤ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Approvals

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

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Notes on operation

For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

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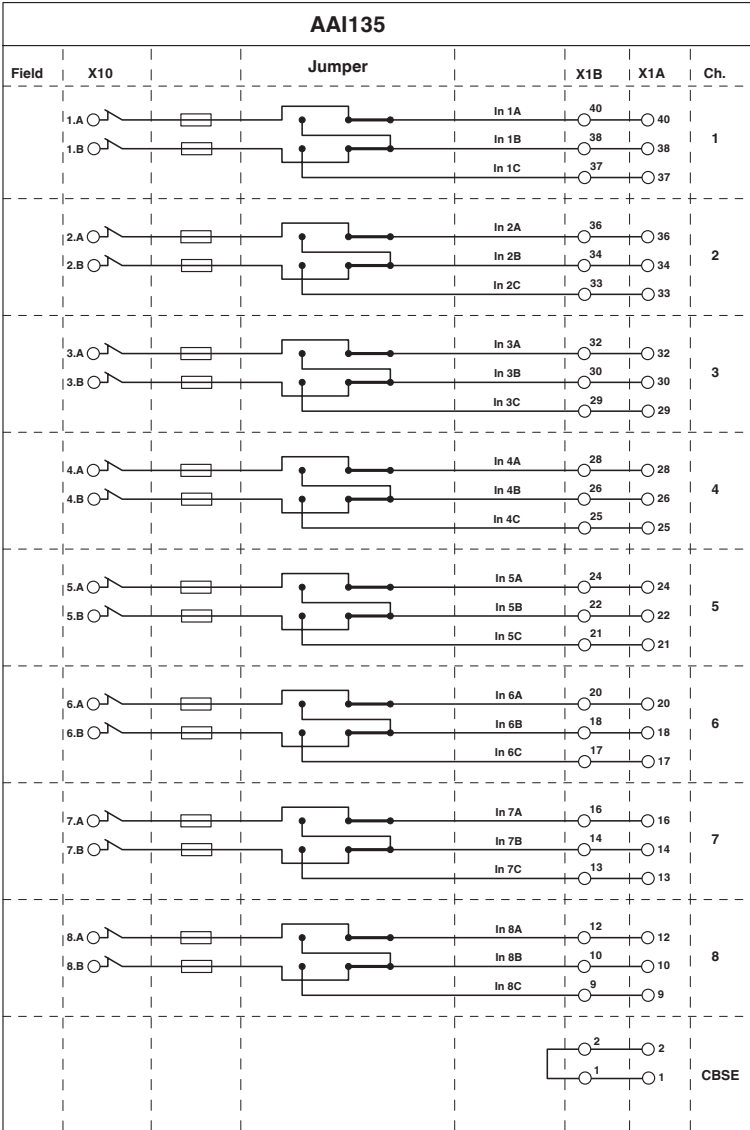
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Drawings

Circuit diagram



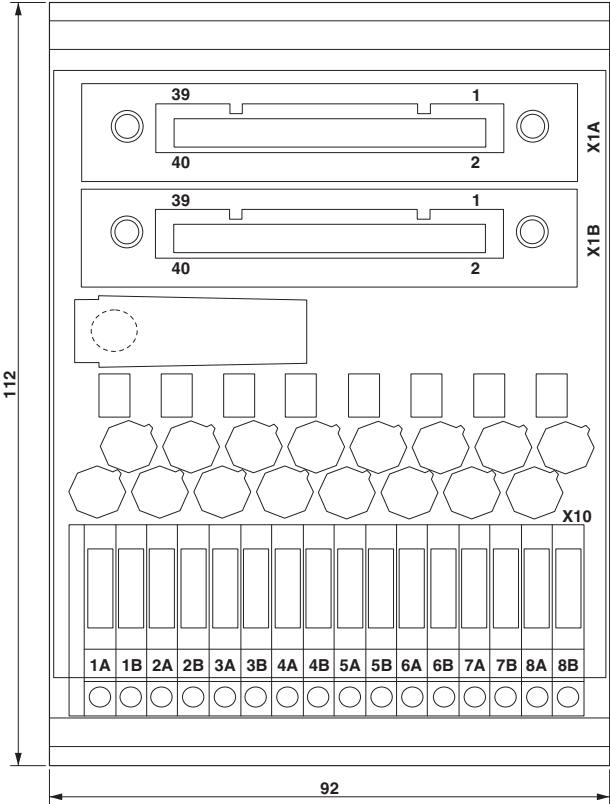
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Dimensional drawing



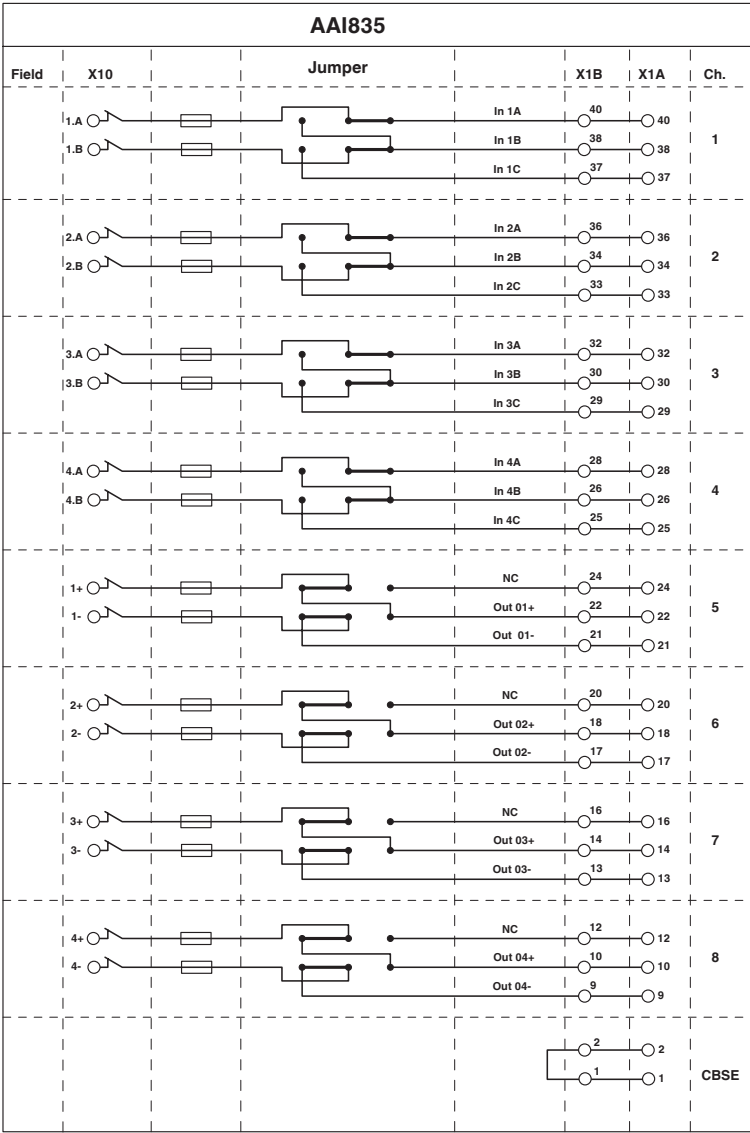
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Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
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.)	Lead(CAS: 7439-92-1)
SCIP	38c74b5e-b845-4b24-b535-eea359306329