

FLKM-2KS40/PMT/YCS - Passive module



2321907

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VARIOFACE interface module for analog modules, 8 channels, redundant connector. Suitable for Yokogawa CENTUM CS3000 AAI135, AAI835 cards.

Commercial data

Item number	2321907
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK218N
GTIN	4046356599917
Weight per piece (including packing)	286 g
Weight per piece (excluding packing)	286 g
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

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 50 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 1 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

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
Tightening torque	0.5 Nm
Pitch	2.54 mm

Connection 2 (field level)

Connection method	Screw connection with disconnect knife
Stripping length	8 mm
Screw thread	M3
Number of positions	24
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section rigid (2 conductors with same cross section)	0.2 mm ² ... 1 mm ²

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Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
	0.25 mm ² ... 1.5 mm ² (Ferrule without plastic sleeve)
	0.25 mm ² ... 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross-section flexible (2 conductors with same cross section)	0.2 mm ² ... 1 mm ²
	0.25 mm ² ... 0.75 mm ² (Ferrule without plastic sleeve)
	0.5 mm ² ... 1 mm ² (TWIN ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm
Pitch	5.08 mm

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	134.8 mm
Height	77 mm
Depth	57.1 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

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
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be met.

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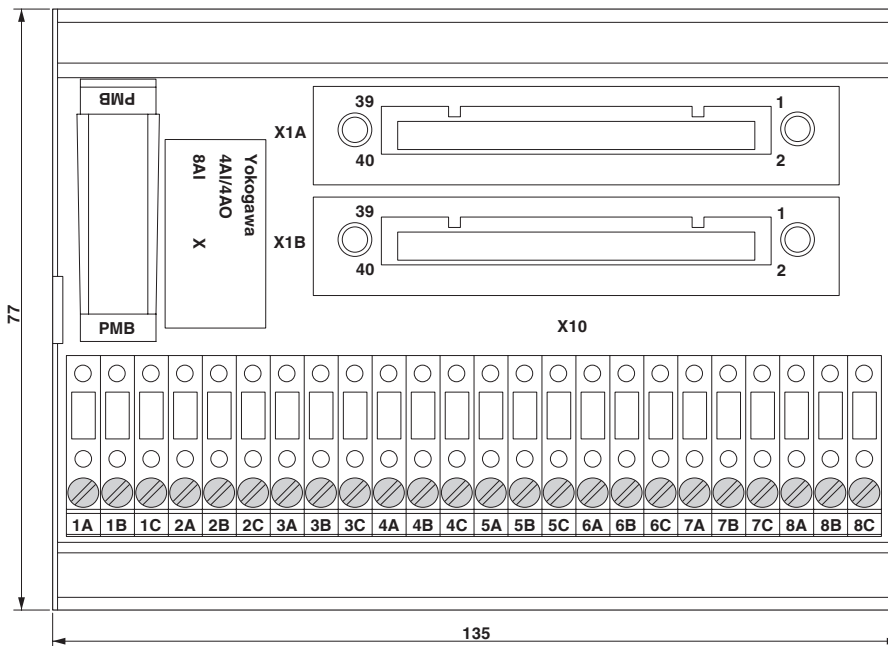


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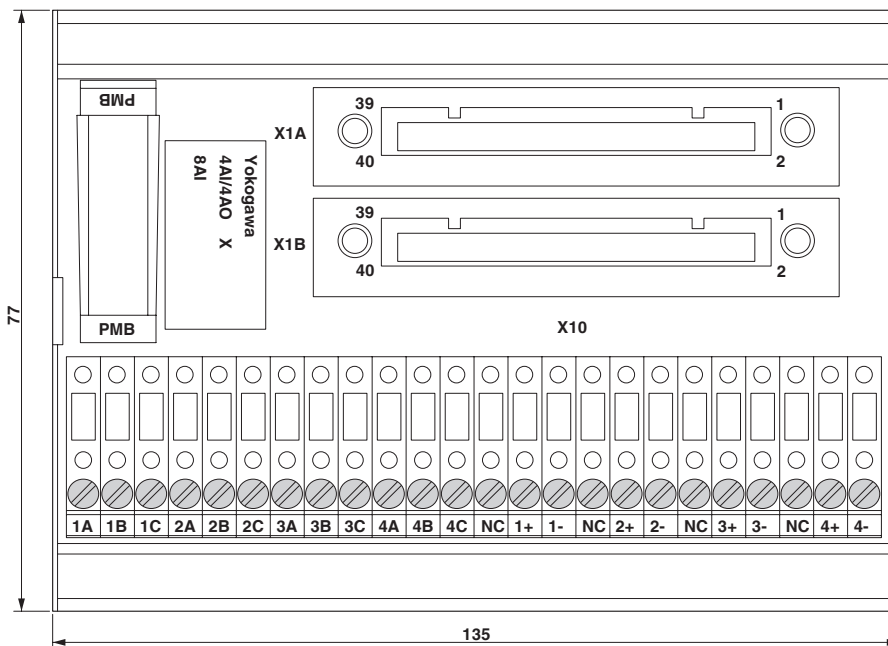
Drawings

Dimensional drawing



Connection to AAI 135

Dimensional drawing



Connection to AAI 835

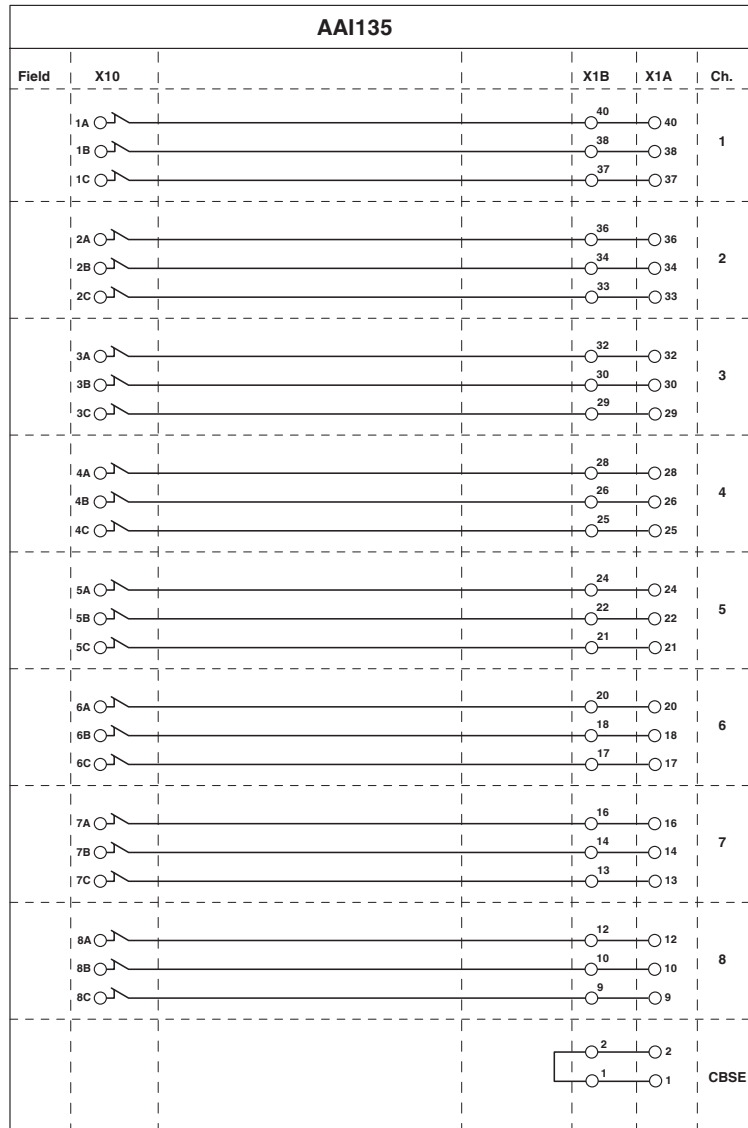
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Circuit diagram



Connection to AAI 135

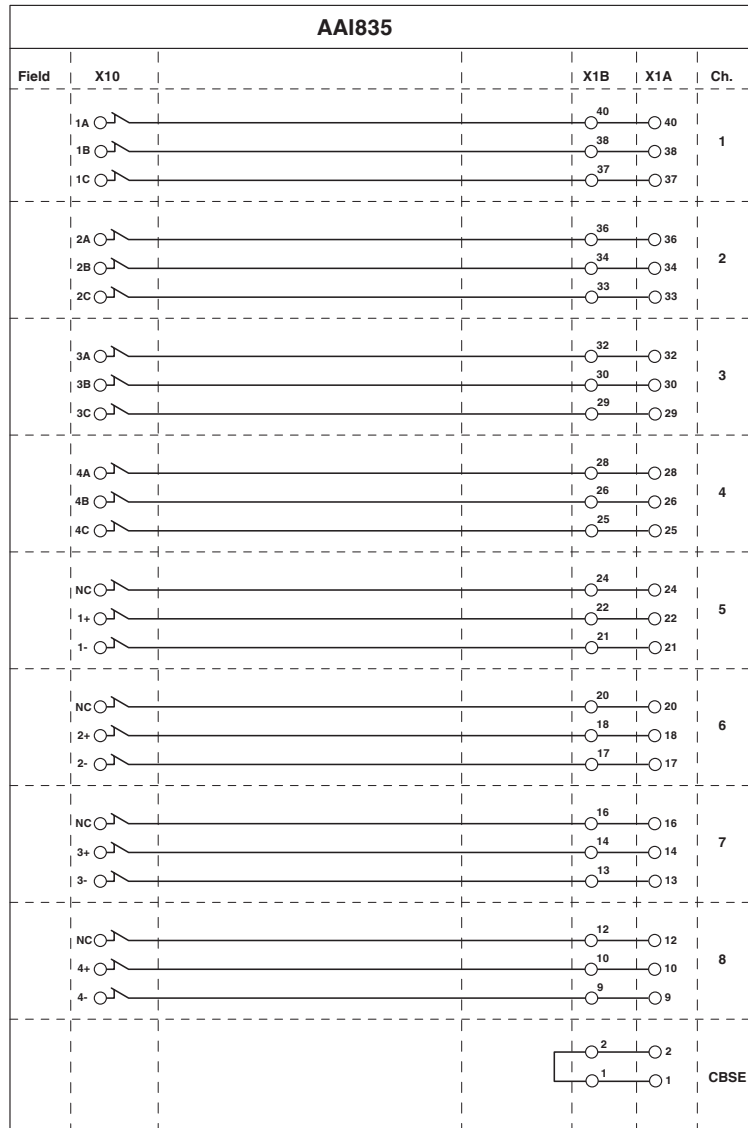
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Circuit diagram



Connection to AAI 835

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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	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, No exemptions
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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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