PHŒNIX CONTACT

Passive module - FLKM-2KS40/PMT/SI/Z/YCS - 2321936

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

Key commercial data

Packing unit	1 pc
GTIN	4 046356 418485
Weight per Piece (excluding packing)	235.5 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	93 mm
Height	126 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

General

Max. permissible operating voltage	24 V DC ±10 %
Max. perm. current (per branch)	100 mA
Mounting position	any
Standards/regulations	DIN EN 50178
Rated surge voltage	basic insulation
Pollution degree	2
Surge voltage category	III

Connection data for connection 1

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Technical data

Connection data for connection 1

Connection name	Field level
Number of connections	1
Connection method	Spring-cage connection
Number of positions	16
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14

Connection data for connection 2

Connection name	Controller level
Number of connections	2
Connection method	Yokogawa KS-compatible
Number of positions	40

Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- suitable I/O card	AAI135
	AAI835
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI135
	NFAI835

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

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Classifications

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

Accessories

Accessories

System cable

Cable - FLK 40-PA/EZ-DR/KS/ 100/YUC - 2322786

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 1.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 200/YUC - 2314341

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 2.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 300/YUC - 2314354

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 3.0 m

Cable - FLK 40-PA/EZ-DR/KS/ 400/YUC - 2314367

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 4.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/ 500/YUC - 2321570

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5.0 m

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Cable - FLK 40-PA/EZ-DR/KS/ 600/YUC - 2314943

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 6.0 m

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Cable - FLK 40-PA/EZ-DR/KS/ 700/YUC - 2321583

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7.0 m

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Cable - FLK 40-PA/EZ-DR/KS/ 800/YUC - 2314956

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8.0 m

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Cable - FLK 40-PA/EZ-DR/KS/ 900/YUC - 2321415

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/1000/YUC - 2314370

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 10.0 m

Cable - FLK 40-PA/EZ-DR/KS/1100/YUC - 2321428

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 11.0 m

Cable - FLK 40-PA/EZ-DR/KS/1200/YUC - 2321431

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 12.0 m

Cable - FLK 40-PA/EZ-DR/KS/1300/YUC - 2321444

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 13.0 m

Cable - FLK 40-PA/EZ-DR/KS/1400/YUC - 2321457

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 14.0 m

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Cable - FLK 40-PA/EZ-DR/KS/1500/YUC - 2314383

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 15.0 m

Cable - FLK 40-PA/EZ-DR/KS/1600/YUC - 2321596

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 16.0 m

Cable - FLK 40-PA/EZ-DR/KS/1700/YUC - 2321606

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 17.0 m

Cable - FLK 40-PA/EZ-DR/KS/1800/YUC - 2321619

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 18.0 m

Cable - FLK 40-PA/EZ-DR/KS/1900/YUC - 2321622

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 19.0 m

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/2000/YUC - 2314532

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 20.0 m

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Cable - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 25.0 m

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Cable - FLK 40-PA/EZ-DR/KS/3000/YUC - 2314558

Round cable set, with two 40-pos. molded socket strips (1:1 connection). Length of cable: 30.0 m

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Cable - FLK 40-PA/EZ-DR/KS/3500/YUC - 2901017

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35.0 m.

Cable - FLK 40-PA/EZ-DR/KS/4000/YUC - 2901052

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 40.0 m.

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Accessories

Cable - FLK 40-PA/EZ-DR/KS/4500/YUC - 2902912

Assembled round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45.0 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 100/YUC - 2904747

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 1 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 200/YUC - 2904748

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 2 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 300/YUC - 2904749

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 3 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 400/YUC - 2904750

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 4 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/ 500/YUC - 2904645

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 5 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 600/YUC - 2904751

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 60 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 700/YUC - 2904752

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 7 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 800/YUC - 2904753

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 8 m

Cable - FLK 40-PA/EZ-DR/HF/KS/ 900/YUC - 2904754

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 9 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/1000/YUC - 2904646

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 10 m

Cable - FLK 40-PA/EZ-DR/HF/KS/1500/YUC - 2904647

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 15 m

Cable - FLK 40-PA/EZ-DR/HF/KS/2000/YUC - 2904488

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 20 m

Cable - FLK 40-PA/EZ-DR/HF/KS/2500/YUC - 2904648

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 25 m

Cable - FLK 40-PA/EZ-DR/HF/KS/3000/YUC - 2904649

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 30 m

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Accessories

Cable - FLK 40-PA/EZ-DR/HF/KS/3500/YUC - 2904650

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 35 m

Cable - FLK 40-PA/EZ-DR/HF/KS/4000/YUC - 2904651

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 40 m

Cable - FLK 40-PA/EZ-DR/HF/KS/4500/YUC - 2904652

Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 45 m

Cable - FLK 40-PA/EZ-DR/HF/KS/5000/YUC - 2904653

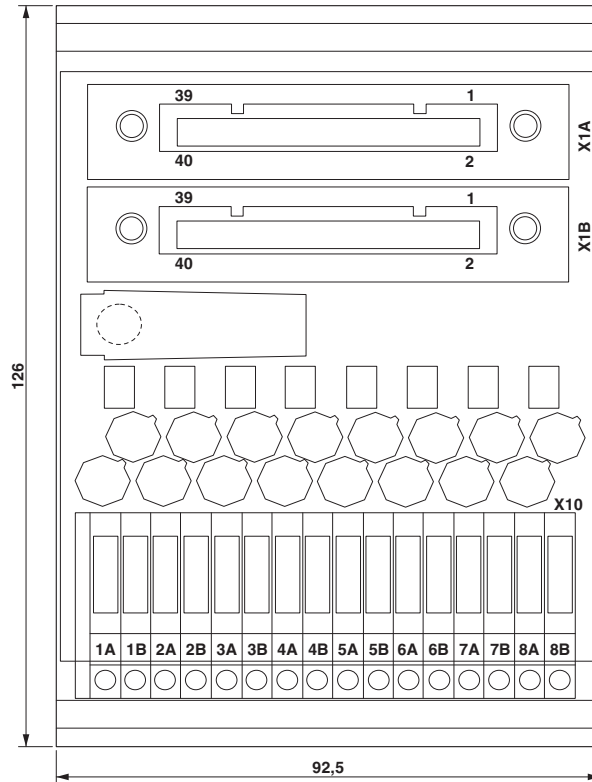Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 50 m
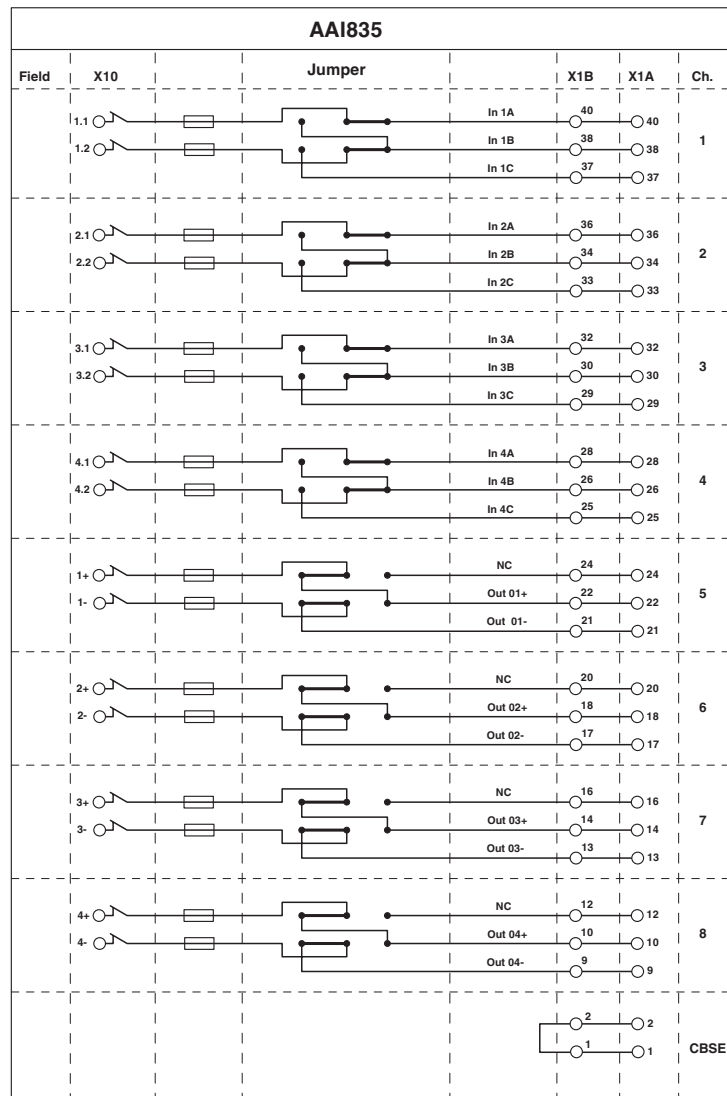
Drawings

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Passive module - FLKM-2KS40/PMT/SI/Z/YCS - 2321936

Dimensioned drawing

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Passive module - FLKM-2KS40/PMT/SI/Z/YCS - 2321936

Circuit diagram

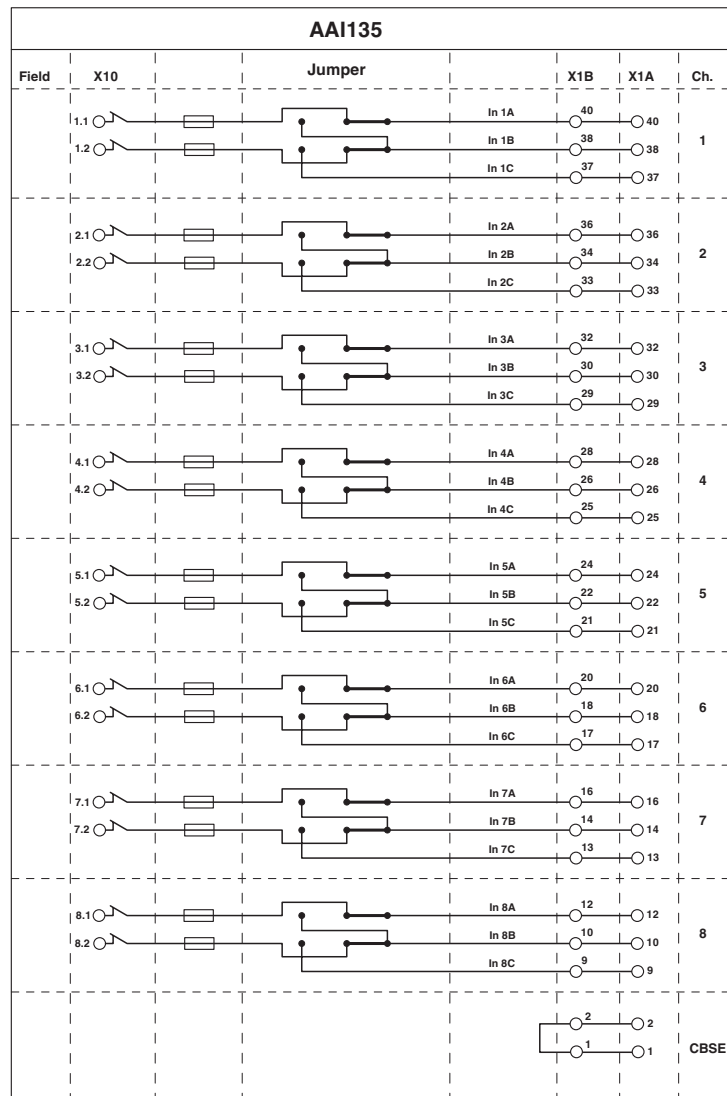| AAI835							
Field	X10		Jumper		X1B	X1A	Ch.
	1.1			In 1A	40	40	
	1.2			In 1B	38	38	1
				In 1C	37	37	
	2.1			In 2A	36	36	
	2.2			In 2B	34	34	2
				In 2C	33	33	
	3.1			In 3A	32	32	
	3.2			In 3B	30	30	3
				In 3C	29	29	
	4.1			In 4A	28	28	
	4.2			In 4B	26	26	4
				In 4C	25	25	
	1+			NC	24	24	
	1-			Out 01+	22	22	5
				Out 01-	21	21	
	2+			NC	20	20	
	2-			Out 02+	18	18	6
				Out 02-	17	17	
	3+			NC	16	16	
	3-			Out 03+	14	14	7
				Out 03-	13	13	
	4+			NC	12	12	
	4-			Out 04+	10	10	8
				Out 04-	9	9	
					2	2	
					1	1	CBSE

Connection to AAI 835

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Circuit diagram

Connection to AAI 135