

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

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16-channel analog module with a screw connection and a fuse for each signal path (5 x 20 mm) with failure indication (LED). The voltage supply and the 40-pos. system connection are designed redundantly. Suitable for the Yokogawa AAI141 and AAI143 cards.

Why buy this product

- For AAI 141 and AAI 143 analog modules (module operation in 4-wire mode)
- Transfer of 16 channels with separate positive and negative connections
- 16 plug-in fuses (IEC 127-2, 5 x 20, 0.1 A) per positive supply and LED status indicator
- Redundant voltage supply (IEC 127-2, 5 x 20, 2 A fuse)



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 143790
Weight per Piece (excluding packing)	749.8 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	214 mm
Height	126 mm
Depth	81 mm

Ambient conditions

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

General

Max. permissible operating voltage	30 V DC
Max. perm. current (per branch)	100 mA
Max. permissible current (all branches)	2 A (P1+, P2+)

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Technical data

General

Number of positions	40
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP00
Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Pollution degree	2
Surge voltage category	II

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
Stripping length	8 mm
Screw thread	M3

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	AAI141
	AAI143
	AAI135
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI141
	NFAI143
	NFAI135

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

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	27371601
eCl@ss 7.0	27371601

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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.

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

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

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

Passive module - FLKMS-KS40/SI/AI16/YCS - 2314273

Accessories

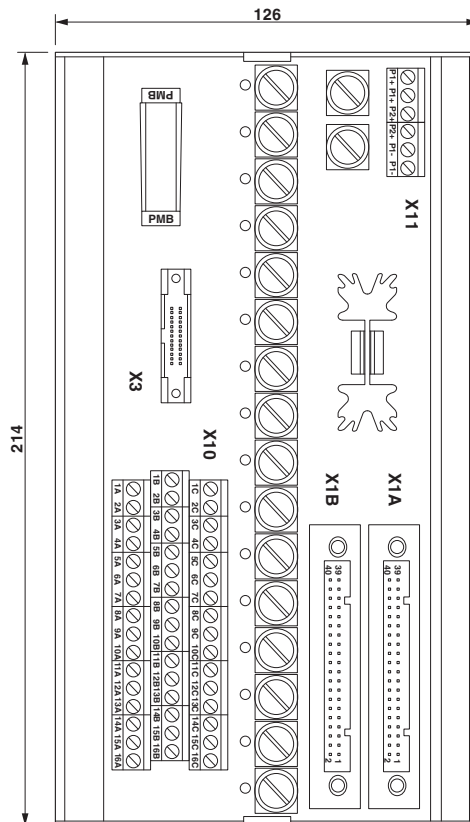
Cable - FLK 40-PA/EZ-DR/HF/KS/5000/YUC - 2904653



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

Drawings

Dimensioned drawing



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Circuit diagram

