

Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

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1:1 interface module for YOKOGAWA AAI 141, AAI 143, AAV 141, AAV 142, AAI 543, AAV 542, AAI 841 and AAB 841 analog I/O modules. Redundant system connection, screw connections with knife disconnection on the field side.



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 450270
Weight per Piece (excluding packing)	495.0 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	180 mm
Height	111 mm
Depth	57 mm

Ambient conditions

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

General

Max. permissible operating voltage	24 V DC $\pm 10\%$
Max. perm. current (per branch)	100 mA
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/regulations	DIN EN 50178
Rated surge voltage	0.8 kV
Pollution degree	2
Surge voltage category	III

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Technical data

Connection data for connection 1

Connection name	Field level
Connection method	Screw connection with disconnect knife
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
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	AAI141
	AAI143
	AAV141
	AAV142
	AAI543
	AAV542
	AAI841
	AAB841
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI141
	NFAI143
	NFAI543
	NFAI841
	NFAB841
	NFAV542
	NFAV141
	NFAV142

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313

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Classifications

eCl@ss

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

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

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Accessories

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

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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Accessories

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

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

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Accessories

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

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

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Accessories

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

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.

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

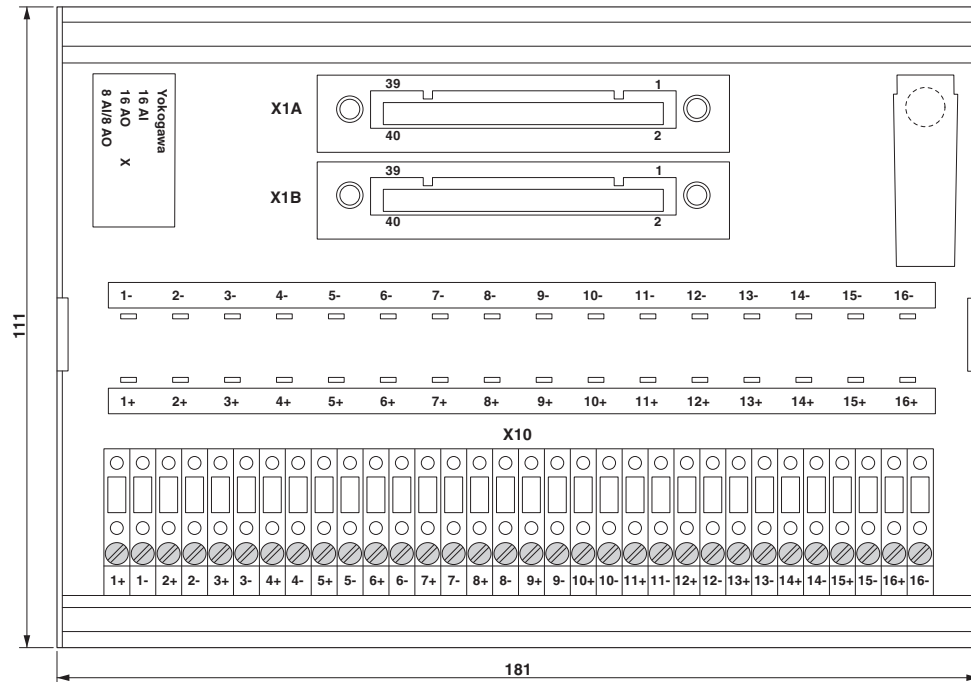


Assembled halogen-free round cable with two molded 40-pos. socket strips (1:1 connection). Cable length: 50 m

Drawings

Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

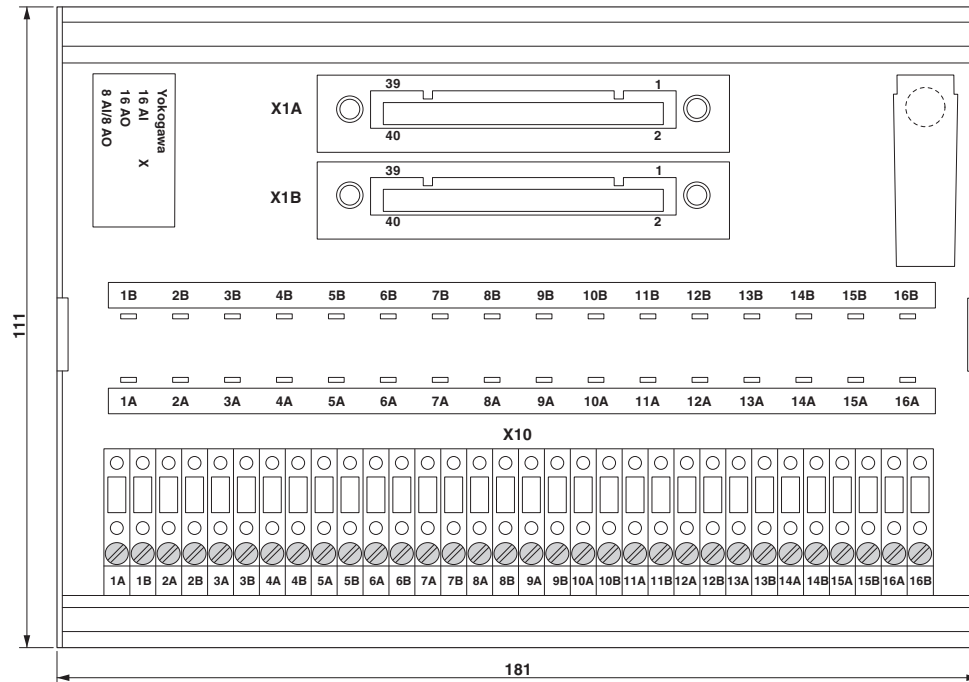
Dimensioned drawing



Connection to AAV 141 / AAV 142 / AAV 542 / AAI 543

Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

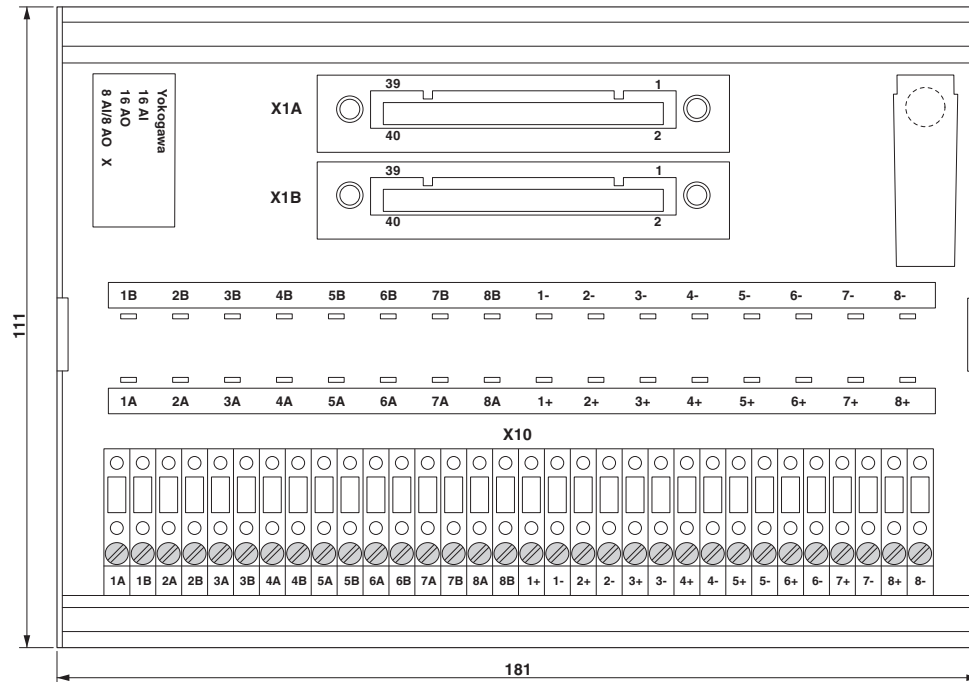
Dimensioned drawing



Connection to AAI 141 / AAI 143

Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

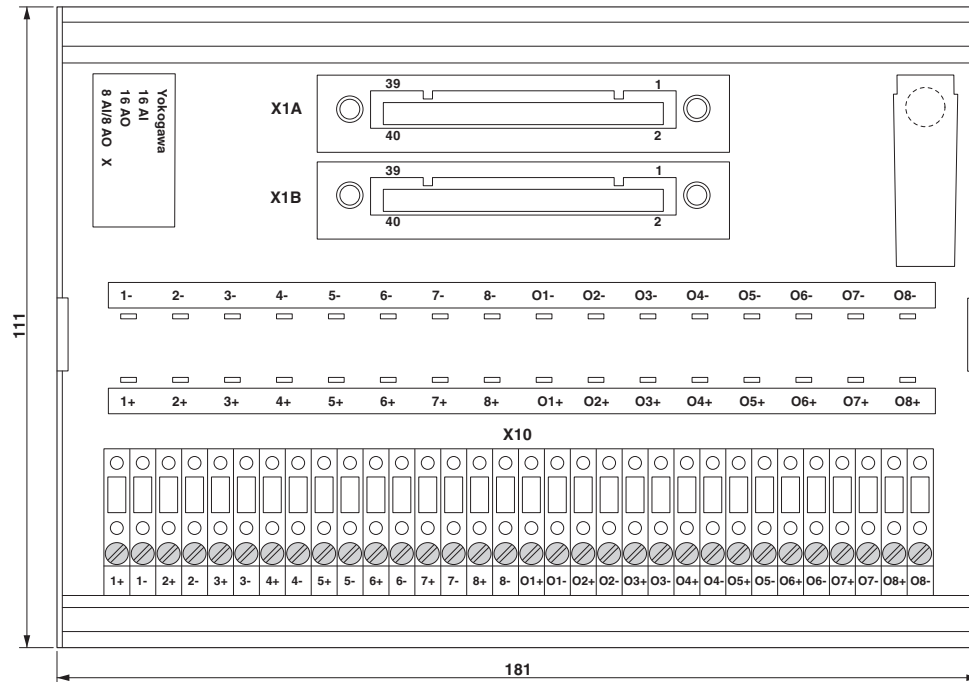
Dimensioned drawing



Connection to AAI 841

Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

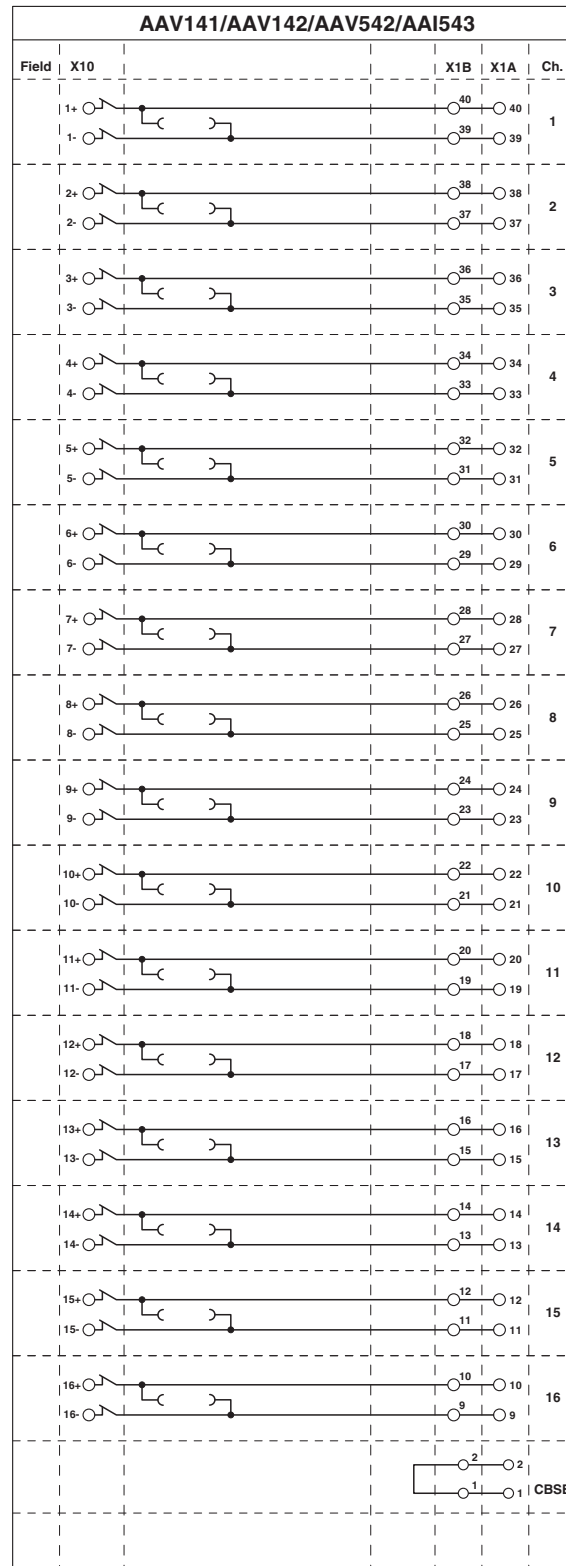
Dimensioned drawing



Connection to AAB 841

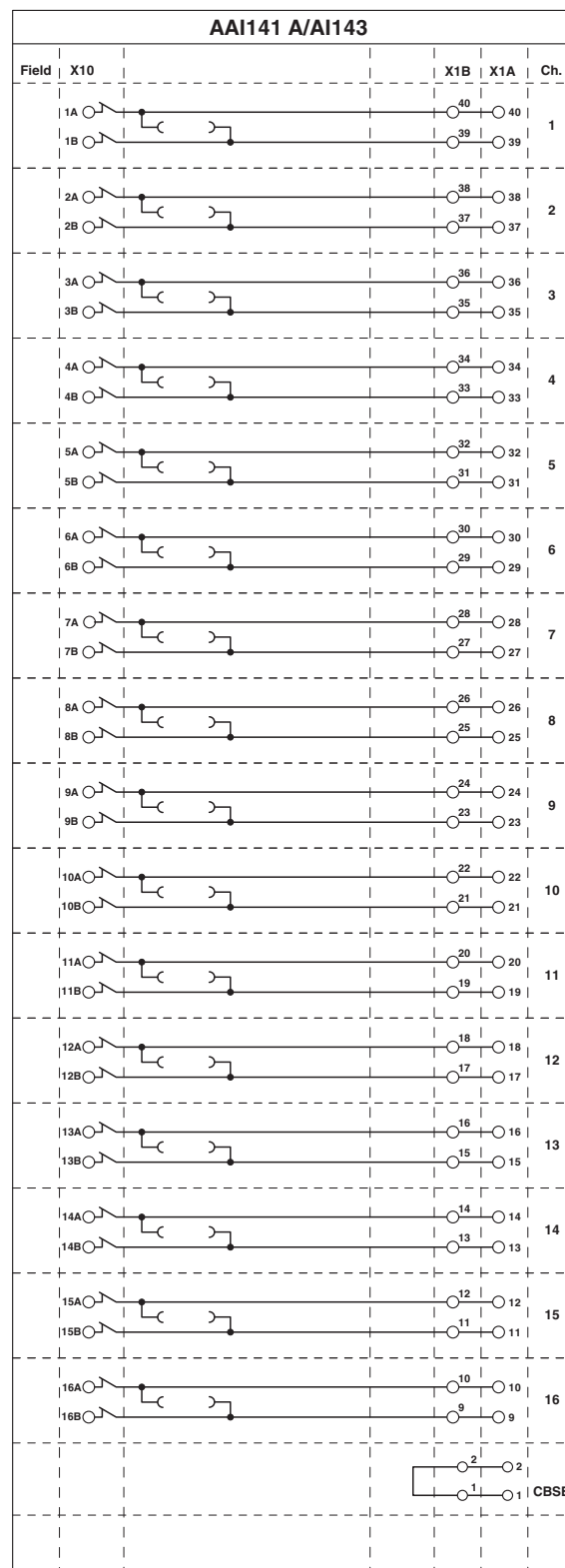
Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

Circuit diagram



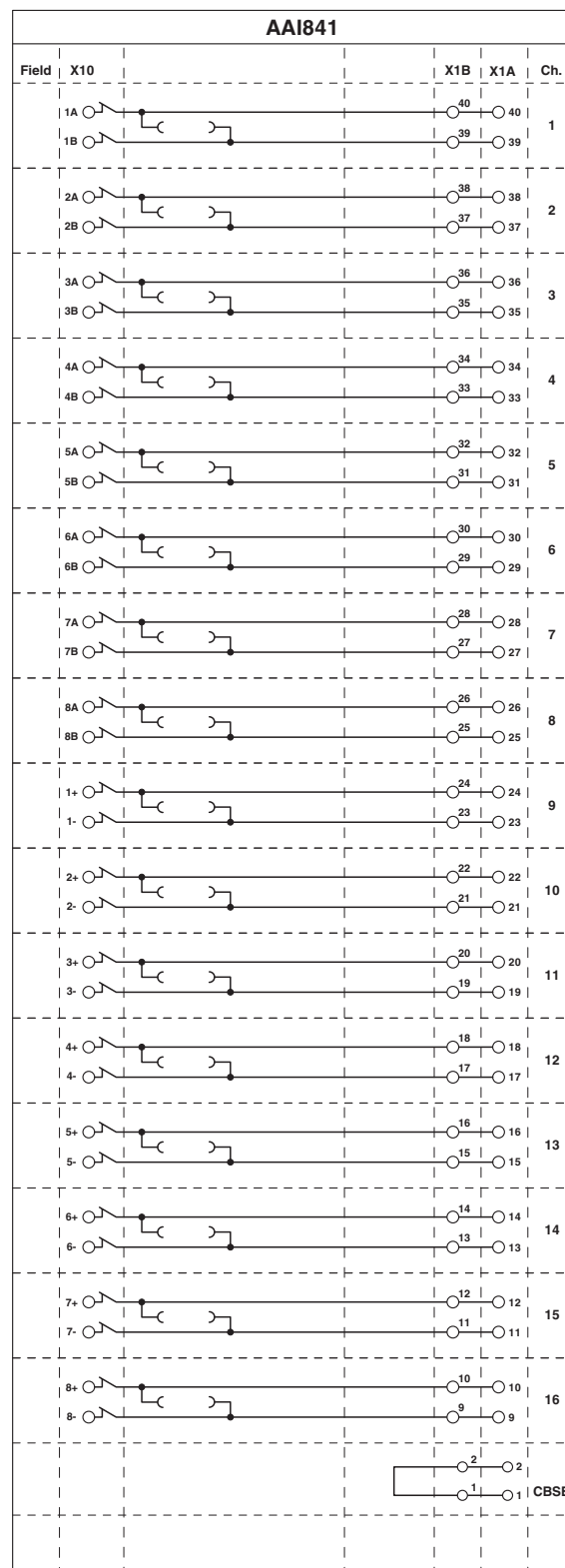
Passive module - FLKM-2KS40/PMT/ST/YCS - 2321981

Circuit diagram



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Circuit diagram

