

Passive module - FLKM-2KS40/SPT/CS/C-L - 2321855


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1:1 interface module for Yokogawa AAV 141, AAV 142, AAT 141, AAI 141, AAI 143 analog I/O modules, AAV 542, AAI 543, AAI 841, AAB 841, AAI 135, AAP 135, AAI 835 and AAR 181. Redundant system connection, spring-cage connection on the field side.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 350648
GTIN	4046356350648

Technical data

Dimensions

Width	194.5 mm
Height	126 mm
Depth	40 mm

Ambient conditions

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

General

Max. perm. operating voltage	24 V DC ±10 %
Max. perm. current (per branch)	1 A
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²

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Technical data

Connection data for connection 1

Conductor cross section AWG	24 ... 12
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Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	1
Number of positions	40
Note	Usable system cables: Phoenix Contact YUC40, Yokogawa KS1

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI141
	NFAI43
	NFAI543
	NFAI135
	NFAP135
	NFAV141
	NFAV142
	NFAV542
	NFAB841
	NFAI841
	NFAI835

Standards and Regulations

Standards/regulations	DIN EN 50178
Rated surge voltage	0.8 kV
Degree of pollution	2
Overvoltage category	III

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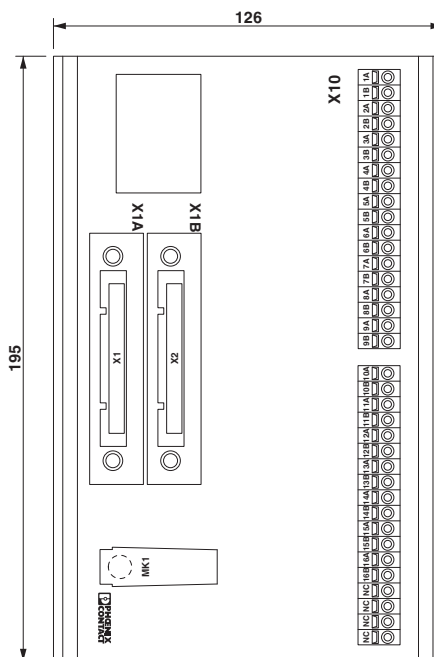
Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

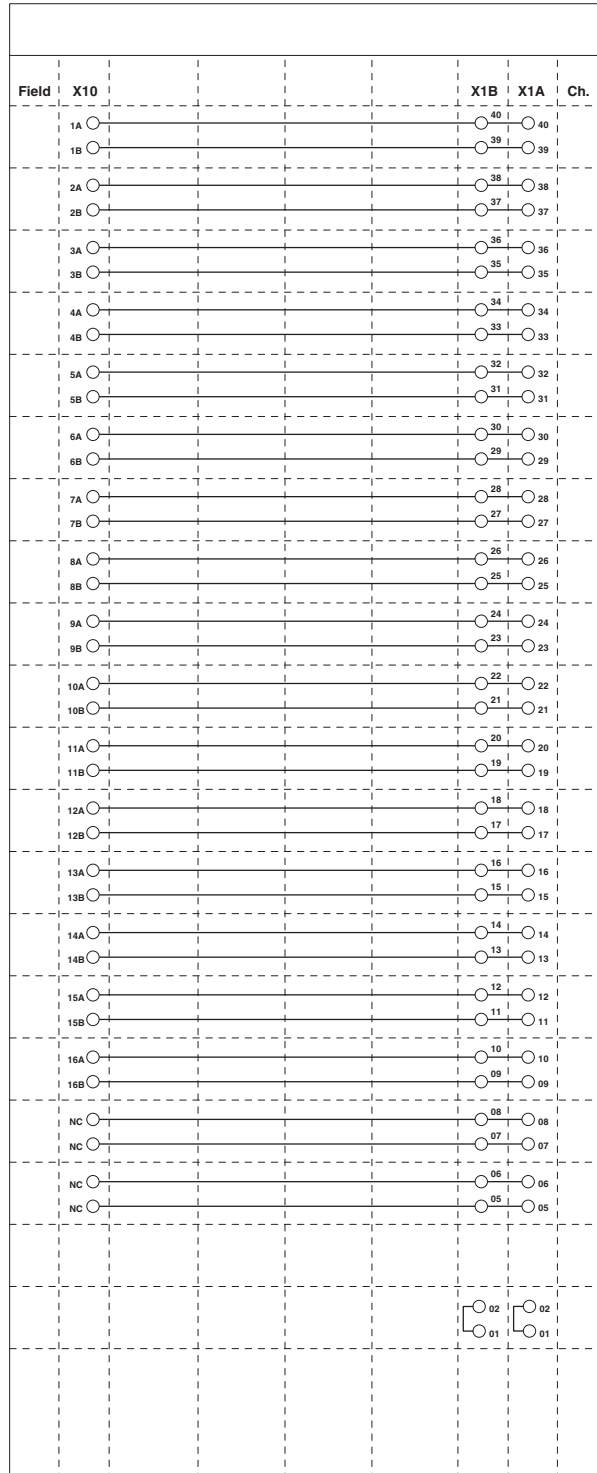
Drawings

Dimensional drawing



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Circuit diagram



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Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01742
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