

Passive module - FLKMS-2KS50/32IM/YCS - 2901896

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32-channel module with 3-conductor screw connection and redundant connector. Suitable for Yokogawa ADV151, ADV161, ADV551, ADV561 cards.

Figure shows the FLKMS-
KS50/32IM/YCS version

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 639101
GTIN	4046356639101

Technical data

Dimensions

Width	174 mm
Height	90 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
Max. permissible current (separate power supply)	2 A (50 °C)
	1.8 A (60 °C)
	1.5 A (70 °C)
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data for connection 1

Connection name	Field level
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Technical data

Connection data for connection 1

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Torque	0.5 Nm
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	ADV151
	ADV161
	ADV551
	ADV561
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161
	NFDV551
	NFDV561

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated surge voltage	basic insulation
Degree of pollution	2
Overvoltage category	II

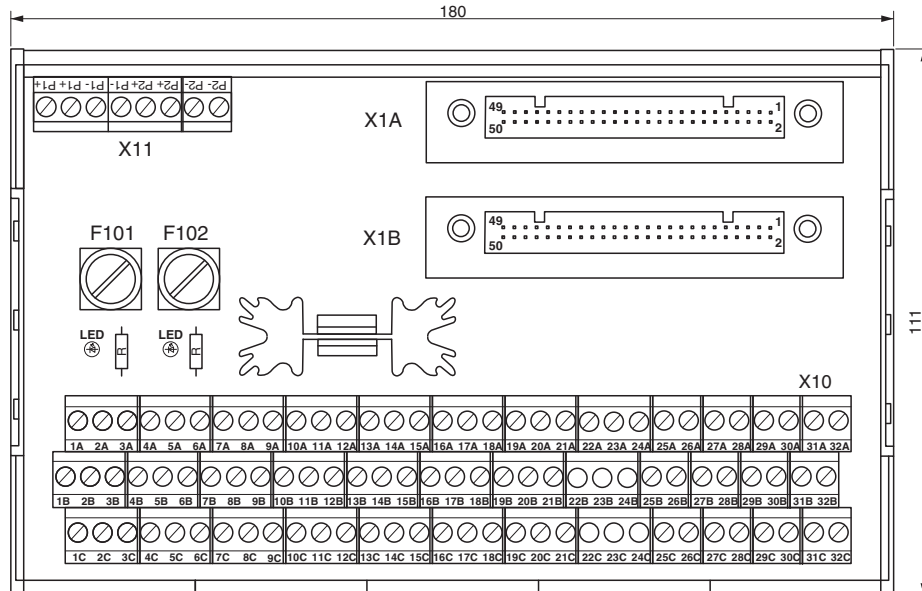
Environmental Product Compliance

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

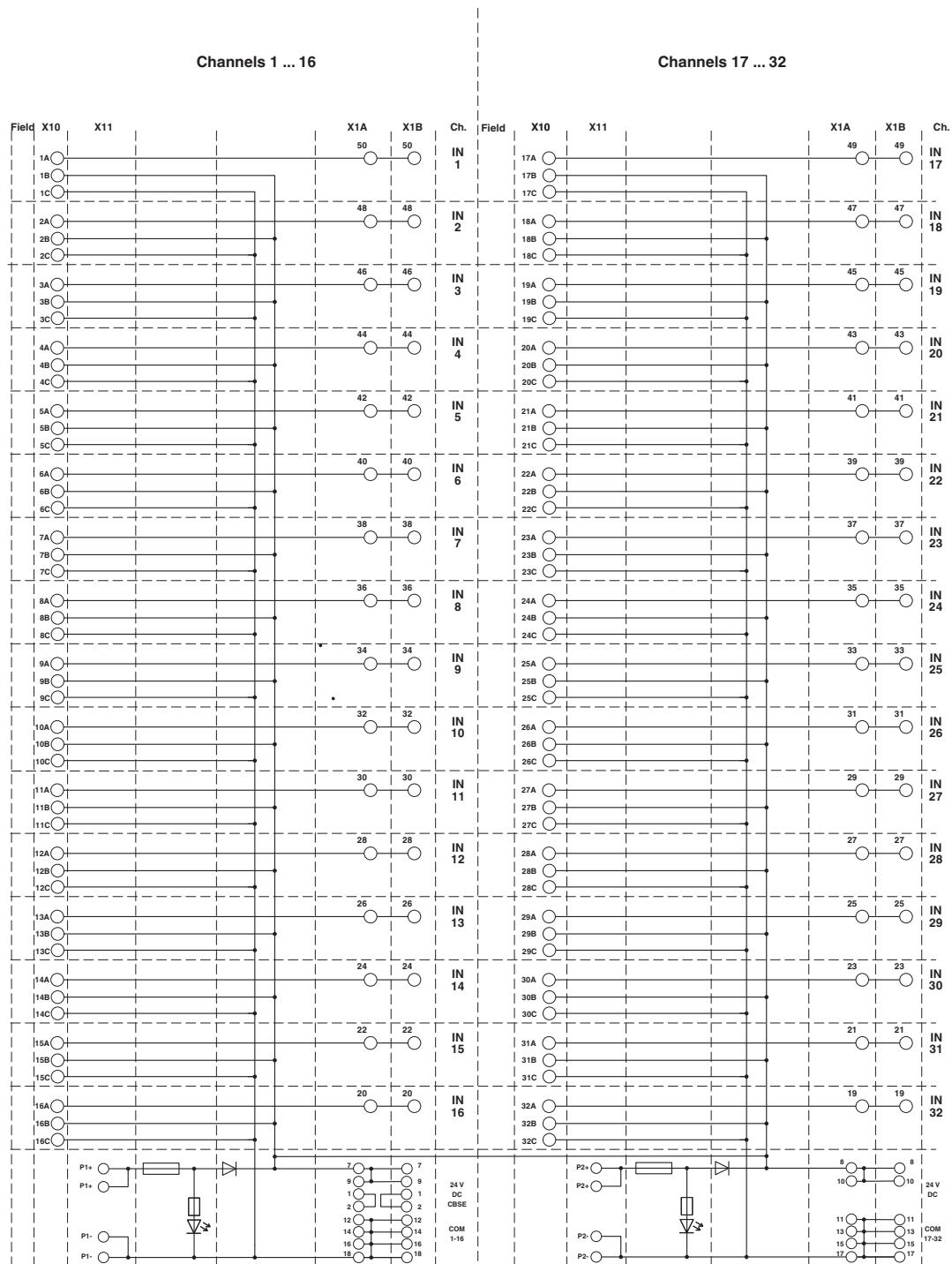
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Dimensional drawing



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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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