

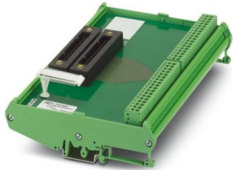
# FLKM-2KS40/SPT/CS/C-L - Passive module



2321855

<https://www.phoenixcontact.com/us/products/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.

## Commercial data

Item number	2321855
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK21A4
GTIN	4046356350648
Weight per piece (including packing)	337 g
Weight per piece (excluding packing)	337 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
No. of channels	8
	12
	16
	4
Operating mode	100% operating factor

### Insulation characteristics

Insulation	Functional insulation
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### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (DC)	≤ 50 V DC
Current (per branch)	≤ 1 A

### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)

### Supported controller YOKOGAWA CS3000 CentumVP

Suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542

### Supported controller YOKOGAWA STARDOM

Suitable I/O card	NFAI141
	NFAI43
	NFAI543
	NFAI135

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	NFAP135
	NFAV141
	NFAV142
	NFAV542
	NFAB841
	NFAI841
	NFAI835

## Connection data

### Connection 1 (control level)

Connection method	Yokogawa KS-compatible
Number of connections	1
Number of positions	40
Note	Usable system cables: Phoenix Contact YUC40, Yokogawa KS1
Tightening torque	0.5 Nm
Pitch	2.54 mm

### Connection 2 (field level)

Connection method	Spring-cage connection
Number of positions	36
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

## Signaling

Status display present	No
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## Dimensions

### Item dimensions

Width	194 mm
Height	125.4 mm
Depth	49.5 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≤ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

UKCA

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Certificate	UKCA-compliant
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## Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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