

## Passive module - FLKM-2KS40/SPT/CS - 2321826

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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	
GTIN	4046356340601

### 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 <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

## Passive module - FLKM-2KS40/SPT/CS - 2321826

### Technical data

#### Connection data for connection 1

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	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

# Passive module - FLKM-2KS40/SPT/CS - 2321826

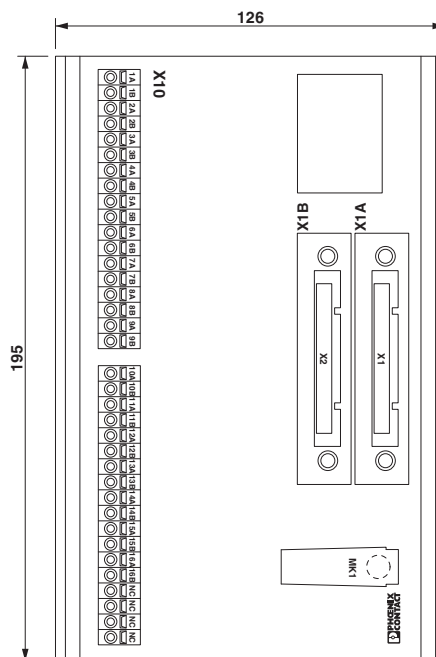
## Technical data

### 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"

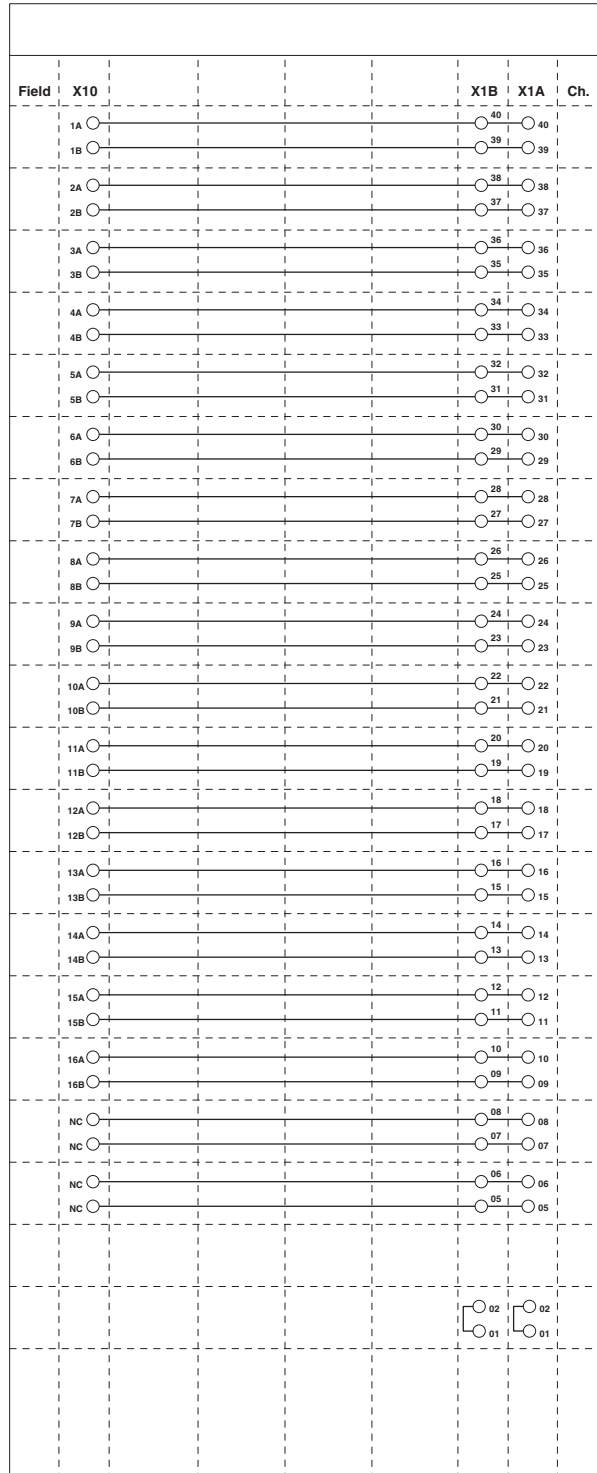
## Drawings

Dimensional drawing



# Passive module - FLKM-2KS40/SPT/CS - 2321826

Circuit diagram



## Passive module - FLKM-2KS40/SPT/CS - 2321826

### Approvals

Approvals

---

Approvals

EAC

---

Ex Approvals

---

### Approval details

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

---

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>