

# FLKM-KS40/AO16/YCS/ZFKDS - Passive module



2314697

<https://www.phoenixcontact.com/us/products/2314697>

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16-channel analog module with spring-cage connection and two 40-pos. system connections. Suitable for Yokogawa card AAI543.



The figure shows a version with a screw connection

## Commercial data

Item number	2314697
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK218N
GTIN	4046356148672
Weight per piece (including packing)	200 g
Weight per piece (excluding packing)	131.32 g
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
Number of positions	40
No. of channels	16

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	24 V DC $\pm 10\%$
Max. current carrying capacity per branch	100 mA

Supported controller: YOKOGAWA CS3000 CentumVP

Suitable I/O card	AAI543
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Supported controller: YOKOGAWA STARDOM

Suitable I/O card	NFAI543
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### Connection data

#### Field level

Connection method	Spring-cage connection
Stripping length	8 mm
Screw thread	M3
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

#### Controller level

Connection method	Yokogawa, KS compatible
Number of connections	2
Number of positions	40
Note	Usable system cables: Phoenix Contact YUC40, Yokogawa KS1
Tightening torque	0.5 Nm

#### HART connector

Connection method	HART connector
Number of connections	1

### Signaling

Status display	no
Status display present	no

### Dimensions

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## Item dimensions

Width	108 mm
Height	126 mm
Depth	68 mm

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

## Notes

Notes on operation	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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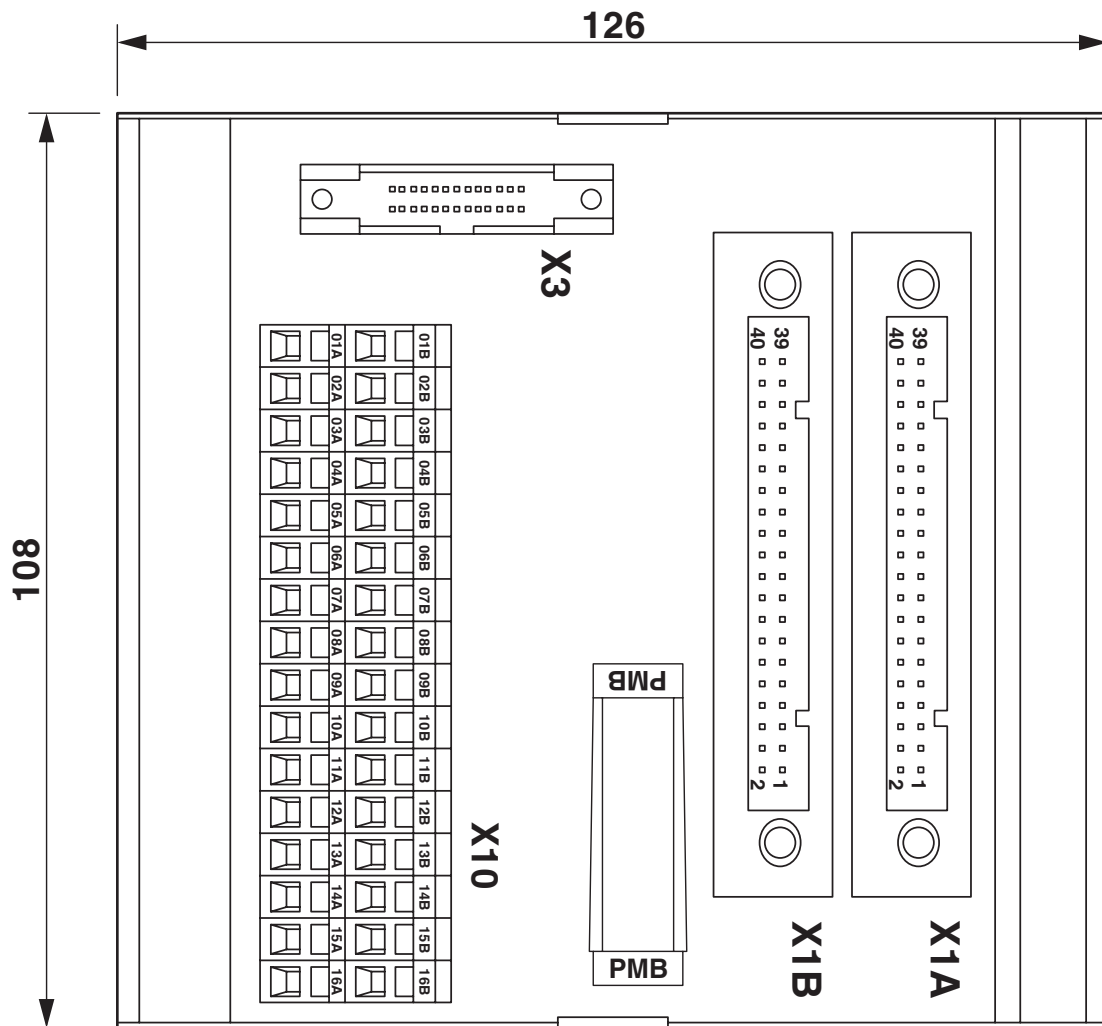


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## Drawings

Dimensional drawing



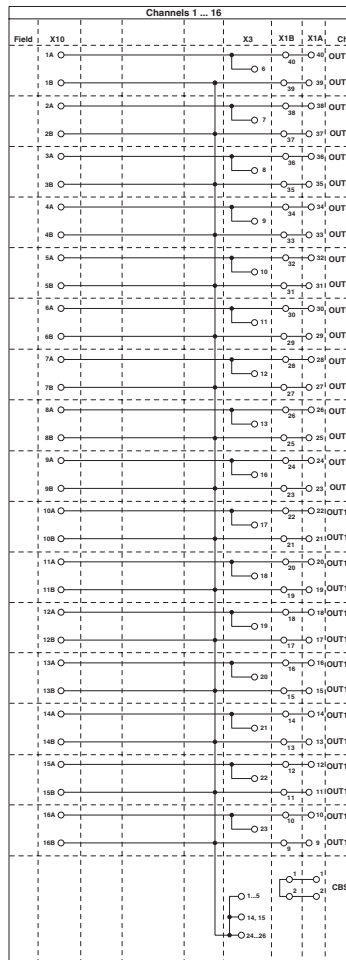
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## Circuit diagram



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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