

# FLKM-2KS40/PMT/SI/Z/YCS - Passive module



2321936

<https://www.phoenixcontact.com/us/products/2321936>

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VARIOFACE interface module for Yokogawa I/O AAI135 and AAI835 modules.



## Commercial data

Item number	2321936
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK21A4
GTIN	4046356418485
Weight per piece (including packing)	221.133 g
Weight per piece (excluding packing)	226.1 g
Customs tariff number	85369010
Country of origin	DE

## Technical data

### Product properties

Product type	Interface module
No. of channels	8
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)	≤ 30 V DC
Fuse	0.05 A TR5 (slow-blow) (F1 ... F16)
Current (per branch)	≤ 0.05 A (T <sub>U</sub> = 23 °C)

### 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	AAI135
	AAI835

### Supported controller YOKOGAWA STARDOM

Suitable I/O card	NFAI135
	NFAI835

### Connection data

#### Connection 1 (control 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
Pitch	2.54 mm

#### Connection 2 (field level)

Connection method	Spring-cage connection
Number of positions	16
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

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Conductor cross section AWG	24 ... 16
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## Connection 3 (field level)

Connection method	PCB terminal block
Type	PCB isolating plugs
Number of positions	16

## Signaling

Status display present	No
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## Dimensions

### Item dimensions

Width	91.6 mm
Height	111.8 mm
Depth	55.4 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP00
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

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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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