

# FLKMS-2KS50/32IM/PM/YCS - Active module



2904474

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VARIOFACE I/O module, 32 channels for Yokogawa ADV151, ADV161, ADV551, ADV561, NFDV151, NFDV161, NFDV551, NFDV561 I/O modules. The voltage supply with monitoring (relay contact) and 50-pos. strip are designed redundantly.

## Commercial data

Item number	2904474
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	DK2A8N
GTIN	4046356830720
Weight per piece (including packing)	599.6 g
Weight per piece (excluding packing)	333.33 g
Country of origin	DE

## Technical data

### 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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### Product properties

Product type	Relay Module
Insulation characteristics: Air clearances and creepage distances	
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

#### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 $\mu$ s)

#### Supported controller: YOKOGAWA CS3000 CentumVP

Suitable I/O card	ADV151
	ADV161
	ADV551
	ADV561

#### Supported controller: YOKOGAWA STARDOM

Suitable I/O card	NFDV151
	NFDV161
	NFDV551
	NFDV561

### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	20 mA

### Output data

#### Switching

Maximum switching voltage	24 V DC
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### Connection data

#### Power supply

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Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	8
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	50
Tightening torque	0.5 Nm

## Field level

Connection method	Screw 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

## Dimensions

Width	183 mm
Height	112 mm
Depth	100 mm

## Material specifications

Color	green (RAL 6021)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 55 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

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