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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Passive module - FLKMS-KS50/32IM/YCS - 2314451

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32-channel module with a three-conductor screw connection and redundant power supply. Suitable for Yokogawa cards ADV151 and ADV551.

### Product Features

- ✓ For ADV 151 and ADV 551 digital modules
- ✓ Three-wire connection (signal, positive, negative)
- ✓ Redundant voltage supply (IEC 127-2, 5 x 20, 2 A fuse)



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	505.4 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	174 mm
Height	90 mm
Depth	81 mm

#### Ambient conditions

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

#### General

Nominal voltage $U_N$	24 V AC/DC $\pm 10\%$
Max. current carrying capacity per branch	1 A

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## Technical data

### General

Max. total current of all branches	2 A
Max. total current of voltage supply	4 A
Number of positions	50
Status display	Green LED
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	any
Assembly instructions	In rows with zero spacing
Standards/specifications	DIN EN 50178
Pollution degree	2
Surge voltage category	II

### Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3

### Connection data for connection 2

Connection name	Control system level
Connection method	Yokogawa KS-compatible
Number of positions	50

### Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- suitable I/O card	ADV151
	ADV161
	ADV551
	ADV561
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV151
	NFDV161
	NFDV551

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## Technical data

### Supported controller

	NFDV561
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## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601

### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

## Approvals

### Approvals

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Approvals

CSA

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Ex Approvals

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Approvals submitted

# Passive module - FLKMS-KS50/32IM/YCS - 2314451

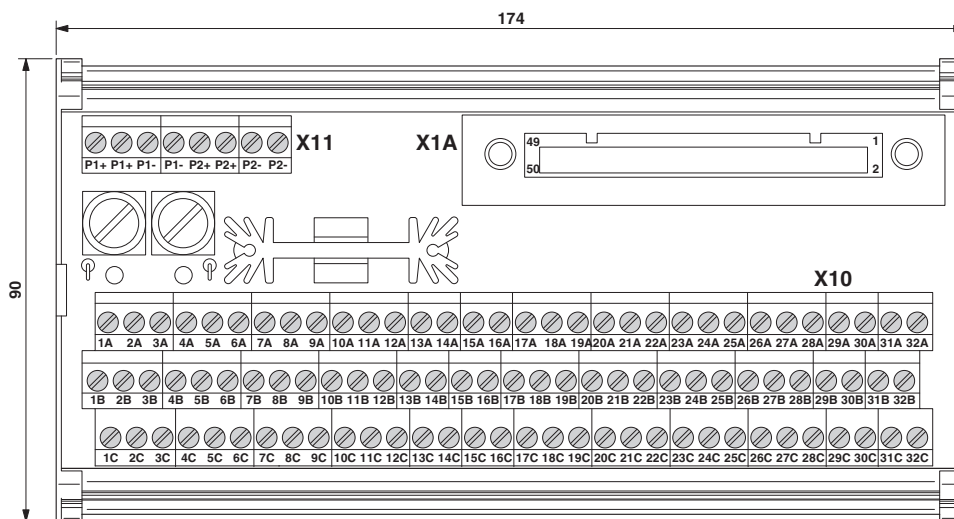
## Approvals

### Approval details

CSA

## Drawings

Dimensioned drawing



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Circuit diagram

