

# Passive module - FLKM 50/32M/DV - 2304869

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32-channel module without LED and 2-conductor connection; common minus potential (for cards of the Delta V controller)

Illustration shows FLKM 50/32M/IN/LA/DV

## Product Features

- These system-specific interface modules for DeltaV modules are used in combination with FLK 50/2FLK20/EZ-DR/.../DV system cables
- Can be used for 32-channel input and output cards
- Two-wire connection with separate negative terminal block per channel



## Key commercial data

package_quantity	1
GTIN	4017918981716

## Technical data

### Dimensions

Width	169 mm
Height	90 mm
Depth	68 mm

### Ambient conditions

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

### General

Nominal voltage $U_N$	< 50 V AC
Nominal voltage $U_N$	60 V DC
Max. current carrying capacity per branch	1 A
Max. total current of voltage supply	5 A (KL/KL)
Number of positions	50
Status display	No
Test voltage	500 V (50 Hz, 1 min.)
Test voltage contact/contact	500 V AC

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## Technical data

### General

<b>Mounting position</b>	Any
<b>Assembly instructions</b>	In rows with zero spacing
<b>Standards/regulations</b>	IEC 60664
<b>Standards/regulations</b>	DIN EN 50178
<b>Standards/regulations</b>	IEC 62103
<b>Pollution degree</b>	2
<b>Surge voltage category</b>	II
<b>Input operating voltage</b>	max. 60 V DC
<b>Output operating voltage</b>	max. 60 V DC
<b>Continuous load current</b>	1 A
<b>Rated surge voltage</b>	0.8 kV

### Connection data for connection 1

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

### Connection data for connection 2

<b>Connection name</b>	Control system level
<b>Number of connections</b>	1
<b>Connection method</b>	IDC/FLK pin strip (2.54 mm)
<b>Number of positions</b>	50

### Supported controller

<b>Control</b>	Emerson DeltaV
<b>- suitable I/O card</b>	VE4001S2T2B5
<b>- suitable I/O card</b>	VE4002S1T2B6

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27250313
<b>eCl@ss 4.1</b>	27250313
<b>eCl@ss 5.0</b>	27250313
<b>eCl@ss 5.1</b>	27250313

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## classifications

### eCl@ss

eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601

### ETIM

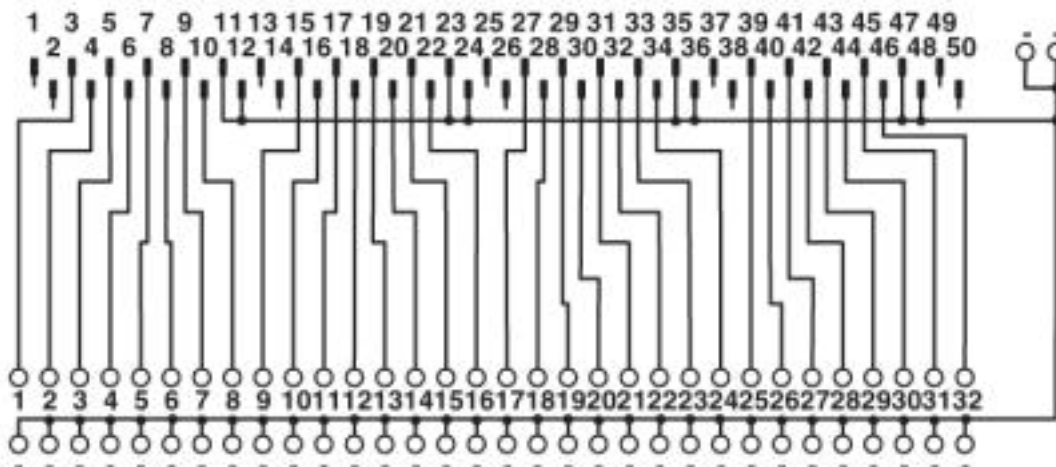
ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

### UNSPSC

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

## Drawings

### Circuit diagram



FLKM 50/32M/DV connection scheme