

## Passive module - FLKM 50/32M/IN/LA/DV - 2304856

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32-channel module with LED and 2-wire connection, common minus potential (for input cards of the Delta V control system)

### Your advantages

- ✓ 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 modules
- ✓ Two-wire connection with separate negative terminal block per channel (dry contact)
- ✓ LED status indicator per channel

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 981747
GTIN	4017918981747
Weight per Piece (excluding packing)	373.000 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	168.5 mm
Height	90 mm
Depth	66 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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### Technical data

#### Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP00

#### General

Nominal voltage U <sub>N</sub>	30 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (separate power supply)	5 A (KL/KL)
Number of positions	50
Status display	Yes
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP00

#### Connection data

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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

#### Connection data 2

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

#### Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4001S2T2B5

#### Standards and Regulations

Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Degree of pollution	2

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## Technical data

### Standards and Regulations

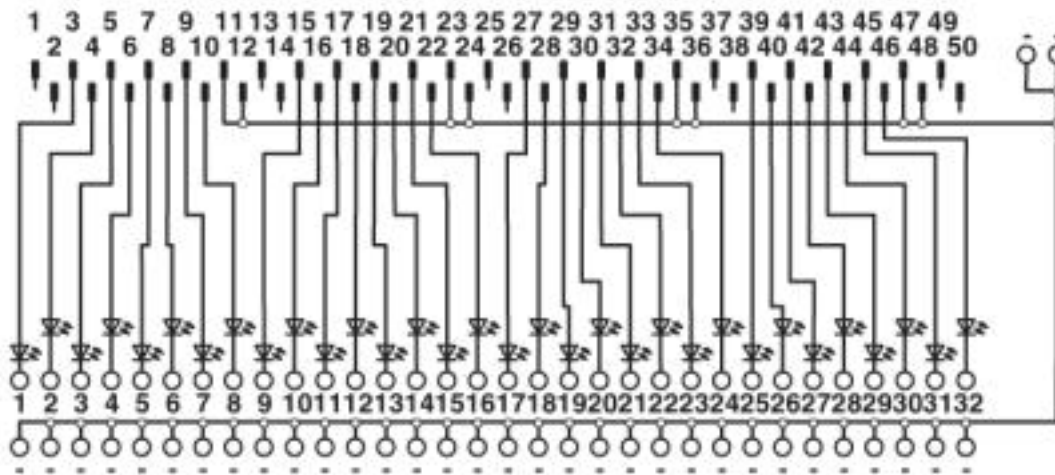
Overvoltage category	II
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### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Circuit diagram



FLKM 50/32M/IN/LA/DV connection scheme

## Classifications

### eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 5.0	EC002780
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## Classifications

### ETIM

ETIM 6.0	EC002780
ETIM 7.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.A*30.B.01742
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