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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)

Why buy this product

- 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 STK
GTIN	 4 017918 981747

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

Max. perm. operating voltage	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
Standards/regulations	DIN EN 50178

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Technical data

General

	IEC 60664
	IEC 62103
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Connection data for connection 2

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

Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4001S2T2B5

Standards and Regulations

Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103
Degree of pollution	2
Overvoltage category	II

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	27242208
eCl@ss 7.0	27242208

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Classifications

eCl@ss

eCl@ss 8.0	27141152
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ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC002780

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

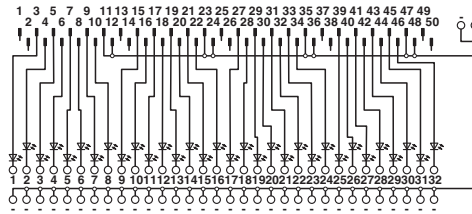
Approval details

EAC

Drawings

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Circuit diagram



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

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Product	Code	Reference	Product link
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