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## Interface module - FLKM 16/AI/DV - 2304429

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Interface module with 1:1 connection and separate equipotential terminals (suitable for analog output cards of the Delta V control system)

### Why buy this product

- These system-specific interface modules for DeltaV modules are used in combination with the relevant system cables
- 1:1 connection
- Separate potential terminal blocks per channel

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 981990

### Technical data

#### Dimensions

Width	57 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

Max. perm. operating voltage	< 50 V AC 60 V DC
Max. perm. current (per branch)	1 A (per signal path)
Number of positions	16
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP20
Standards/regulations	DIN EN 50178 IEC 60664

# Interface module - FLKM 16/AI/DV - 2304429

## Technical data

### General

	IEC 62103
Rated insulation voltage	63 V
Rated surge voltage	0.6 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 <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 for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1
Number of positions	16

### Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4003S2B4

### 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	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152

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## Classifications

### ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
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

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### Approvals

### EAC

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### Ex Approvals

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### Approvals submitted

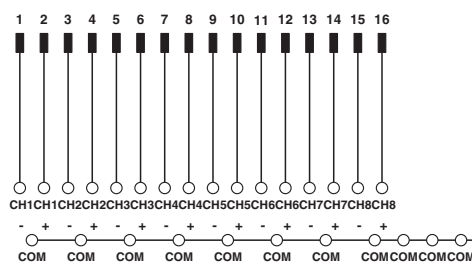
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### Approval details

EAC
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## Drawings

Circuit diagram



FLKM 16/AI/DV connection scheme

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