

FLKM 16/DV - Interface module

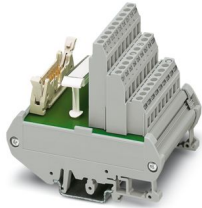


2304432

<https://www.phoenixcontact.com/us/products/2304432>

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Interface module with 1:1 connection (suitable for Delta V control system)



Your advantages

- These system-specific interface modules for DeltaV modules are used in combination with the relevant system cables
- Universal module
- 1:1 connection

Commercial data

Item number	2304432
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK21A2
Catalog page	Page 477 (C-5-2019)
GTIN	4017918981976
Weight per piece (including packing)	118.2 g
Weight per piece (excluding packing)	87.96 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	16
No. of channels	8

Insulation characteristics

Insulation	Functional insulation
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 1 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 μs)

Supported controller EMERSON DeltaV

Suitable I/O card	VE4001S2T2B3
	VE4001S2T2B3 Series 2
	VE4001S2T1B3
	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4003S2B4
	VE4005S2B3
	VE4003S2B5

Connection data

Connection 1 (control level)

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	16
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

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Connection 2 (field level)

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of positions	16
Conductor cross section rigid	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

Signaling

Status display present	No
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Dimensions

Item dimensions

Width	44.5 mm
Height	89.6 mm
Depth	65.9 mm

Material specifications

Color	gray (RAL 7042)
Housing insulation material	PVC

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Approvals

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

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General

For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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