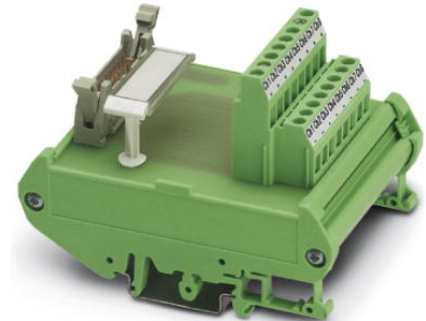


FLKM 16/DV


Order No.: 2304432



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2304432>

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



Commercial data	
GTIN (EAN)	 4 017918 981976
Note	Made-to-order
sales group	I631
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 198 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
03/31/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Nominal voltage U_N	< 50 V AC
	60 V DC
Max. current carrying capacity per branch	1 A (per signal path)

Number of positions	16
Width	45 mm
Height	90 mm
Depth	68 mm
Status display	No
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	500 V (50 Hz, 1 min.)
Test voltage contact/contact	500 V AC
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Pollution degree	2
Surge voltage category	III
Input operating voltage	max. 50 V AC/DC
Max. current carrying capacity per branch	1 A

Connection data

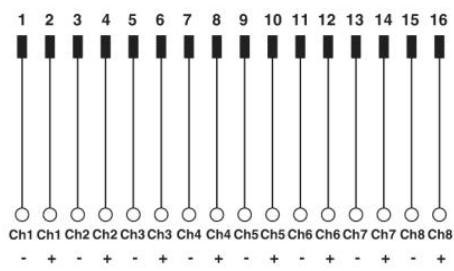
Connection 1	Field level
Connection in acc. with standard	IEC / EN
Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Screw thread	M3
Connection 2	Control system level
Type of connection	Flat-ribbon cable plug connector in acc. with IEC 60603-13
Number of positions	16

Accessories

Item	Designation	Description
Cable/conductor		
2299291	FLK 16/EZ-DR/ 50/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 0.5 m
2299301	FLK 16/EZ-DR/ 100/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 1 m
2299314	FLK 16/EZ-DR/ 150/KONFEK	Round cable set, with two 16-pos. socket strips, (1:1 connection), cable length: 1.5 m
2299327	FLK 16/EZ-DR/ 200/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 2 m
2299330	FLK 16/EZ-DR/ 300/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 3 m
2299343	FLK 16/EZ-DR/ 400/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 4 m
2299369	FLK 16/EZ-DR/ 800/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 8 m
2299372	FLK 16/EZ-DR/1000/KONFEK	Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 10 m
2295059	FLK EZ-DR.../.../...	Round cable, with preassembly, not shielded, variable cable length

Diagrams/Drawings

Circuit diagram



FLKM 16/DV connection scheme

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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