

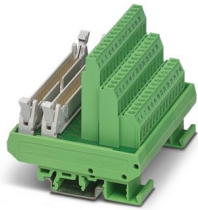
FLKM-2FLK50/AI/S7-331/PLC - Termination board



2905693

<https://www.phoenixcontact.com/us/products/2905693>

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VARIOFACE interface module for Siemens SIMATIC® S7-300 (6AG1331-7NF00-2AB0), redundant system connector (FLK), with SIMATIC®-specific marking (1 - 40), screw connection, module width: 90 mm

Commercial data

Item number	2905693
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	DK2A81
GTIN	4046356987066
Weight per piece (including packing)	232 g
Weight per piece (excluding packing)	232 g
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Nominal voltage U_N	< 50 V DC
	< 25 V AC
Max. current carrying capacity per branch	0.5 A
Max. total current of voltage supply	1 A (per byte)

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μ s)

Supported controller: SIEMENS S7-300

Suitable I/O card	6AG1331-7NF00-2AB0
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Connection data

Field level

Connection method	Screw connection
Number of positions	40
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

Controller level

Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	50
Pitch	2.54 mm

Signaling

Status display present	no
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Dimensions

Item dimensions

Width	90 mm
Height	77 mm
Depth	72 mm

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Material specifications

Color	green (RAL 6021)
Housing insulation material	PVC

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	< 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
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Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

Notes

Notes on operation	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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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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