

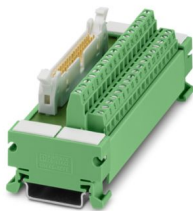
# UM 45-FLK40 - Interface module

2962609

<https://www.phoenixcontact.com/it/products/2962609>



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VARIOFACE module, with screw connection and flat-ribbon cable connector, for assembly on NS 35/7.5, 40 positions

## Commercial data

Item number	2962609
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CK2
Product key	CK2213
Catalog page	Page 244 (IF-2007)
GTIN	4017918087272
Weight per piece (including packing)	132 g
Weight per piece (excluding packing)	104.57 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	40
No. of channels	32

### 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 ALLEN-BRADLEY SLC 500

Suitable I/O card	1746 OB 32
	1746 OV 32
	1746 IB 32
	1746 IV 32

## 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	40
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

### Connection 2 (field level)

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of positions	40

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Conductor cross section rigid	0.14 mm² ... 1.5 mm²
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section AWG	26 ... 16

## Signaling

Status display present	No
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## Dimensions

### Item dimensions

Width	125.8 mm
Height	45 mm
Depth	50.5 mm

## Material specifications

Color	green (RAL 6021)
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

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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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/it/products/2962609>

cUL Recognized Approval ID: FILE E 118976				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
Field wiring	125 V	1 A	-	-

UL Recognized Approval ID: FILE E 118976				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
Field wiring	125 V	1 A	-	-

cULus Recognized				
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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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