

# EMG 30-S2/16A - Switching module

2944533

<https://www.phoenixcontact.com/us/products/2944533>



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VARIOFACE switch module, with screw connection, for mounting on NS 32 or NS 35/7.5

## Commercial data

Item number	2944533
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	C440
Product key	DK66MY
GTIN	4017918278939
Weight per piece (including packing)	75.51 g
Weight per piece (excluding packing)	74.94 g
Customs tariff number	85365080
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Insulation characteristics: Air clearances and creepage distances	
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	250 V AC
Max. total current of all branches	16 A

#### Air clearances and creepage distances

Rated insulation voltage	250 V
Rated surge voltage	2.2 kV (1.2/50 $\mu$ s)

### Connection data

#### COMBICON connection

Connection method	Screw connection
Conductor cross-section rigid	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

### Dimensions

#### Item dimensions

Width	30 mm
Height	77.5 mm
Depth	60 mm

### Material specifications

Color	green (RAL 6021)
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	$\geq$ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 45 °C
Altitude	max. 2000 m

### Standards and regulations

#### Air clearances and creepage distances

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Standards/regulations

DIN EN 50178: 1998-04

## Mounting

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

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2944533>



**EAC**

Approval ID: RU\*DE\*08.B.01841/19

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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### 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.)	Lead(CAS: 7439-92-1)
SCIP	4be0dd03-ea9d-4a9e-b95d-11b14fd956ee

### EF3.0 Climate Change

CO2e kg	0.384 kg CO2e
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