

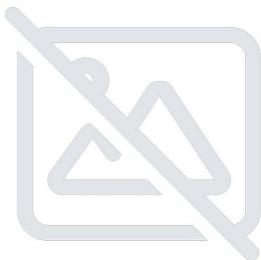
# EMG 30-S2/16A - Switching module



2944533

<https://www.phoenixcontact.com/be/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                            | CK4M41        |
| Product key                          | CK4M41        |
| 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

|            |                       |
|------------|-----------------------|
| Insulation | Functional insulation |
|------------|-----------------------|

#### 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) |
|-------|------------------|

### Environmental and real-life conditions

#### Ambient conditions

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

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## Standards and regulations

Air clearances and creepage distances

|                       |                       |
|-----------------------|-----------------------|
| Standards/regulations | DIN EN 50178: 1998-04 |
|-----------------------|-----------------------|

## Mounting

|                       |                           |
|-----------------------|---------------------------|
| Mounting type         | DIN rail mounting         |
| Assembly instructions | 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/be/products/2944533>



**EAC**

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC002780 |
|----------|----------|

### 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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