

EMG 30-SIM-EI/24DC/2/TP/SO142 - Solid-state relay module



2319236

<https://www.phoenixcontact.com/us/products/2319236>

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Relay module, with a miniature solid-state relay, 1 N/O contact and TERMI-POINT® connection, input voltage 24 V DC

Commercial data

Item number	2319236
Packing unit	5 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	DK61CY
GTIN	4046356340557
Weight per piece (including packing)	93.1 g
Weight per piece (excluding packing)	93.1 g
Country of origin	DE

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Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Solid-state relay module
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Insulation characteristics: Air clearances and creepage distances

Insulation	Basic insulation
Overvoltage category	II
Pollution degree	2

Data management status

Date of last data management	15.09.2025
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Electrical properties

Air clearances and creepage distances

Rated insulation voltage	60 V
Rated surge voltage	0.6 kV

Input data

Rated control circuit supply voltage U_S	24 V DC
Voltage range with reference to U_S	0.8 ... 1.3
Input voltage range	19.2 V DC ... 31.2 V DC
Protective circuit	Freewheeling diode
Transmission frequency	300 Hz

Output data

Designation	Signal contact
Contact switching type	1 N/O contact
Output nominal voltage	60 V AC/DC
Limiting continuous current	1 A

Switching

Contact switching type	1 N/O contact
Note	Signal contact
Maximum switching voltage	60 V AC/DC
Limiting continuous current	1 A

Dimensions

Width	30 mm
Height	75 mm

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Depth	71 mm
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Material specifications

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

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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Mounting

Mounting type	DIN rail mounting
Mounting position	any

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Environmental product compliance

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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