



48 V DC, 16A SM010, 01000.0-00,

Model	
product brand name	SIVACON
product designation	Switching module
design of the product	Other
design of the switching contact	NO contact (relay/MOSFET)
General technical data	
mechanical service life (operating cycles) typical	100 000
material	Plastic
operating voltage	48 V
• at DC	
Protection class	
protection class IP	IP20
Appearance	
RAL color number	RAL7035
color	grey
Connections	
tightening torque with screw-type terminals maximum	0.5 N·m
type of electrical connection	6-pole terminal, solid wire line 2.5 mm ² , stranded wire line with end sleeve 1.5 mm ²
Mechanical Design	
height	67 mm
width	50 mm
installation depth	46 mm
fastening method	Clip for 35 mm DIN rail
mounting position	any
net weight	0.09 kg
Environmental conditions	
relative humidity reference value	90 %
ambient temperature during operation	
• minimum	-45 °C
• maximum	70 °C
ambient temperature during storage	
• minimum	-45 °C
• maximum	70 °C
Certificates	
reference code according to EN 61346-2	K
General Product Approval	other



Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8MR2180-1B>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2180-1B>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2180-1B

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>

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