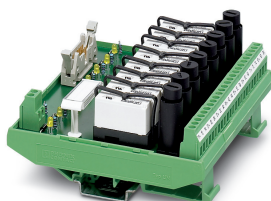


## Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

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VARIOFACE output module, with 8 miniature relays, 1 changeover contact and fuse each, plugged, for 24 V DC (incl. relay)

### Your advantages

- ✓ Slim overall width of just 127 mm
- ✓ Supply voltage indicator (LED)
- ✓ LED status indicator and freewheeling diode per signal path
- ✓ Polarity protection diode
- ✓ Fuse per output circuit as short-circuit protection
- ✓ Plug-in miniature relays each, with a changeover contact with or without lockable manual actuation



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 545112
GTIN	4046356545112
Weight per Piece (excluding packing)	440.000 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	127 mm
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# Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

## Technical data

### Dimensions

	127 mm
Height	112 mm
	112 mm
Depth	59.5 mm
	59.5 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP00

### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Typical input current at $U_N$	17 mA
Typical response time	8 ms
Typical release time	10 ms
Type of protection	Free-wheeling diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

### Output data

Contact type	1 changeover contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	3.9 A (observe derating)
Min. switching current	10 mA
Interrupting rating (ohmic load) max.	93 W (24 V DC)
	58 W (48 V DC)
	48 W (60 V DC)
	50 W (110 V DC)
	80 W (220 V DC)
	975 VA (250 V AC)
Output fuse	4 A 5x20 fuse (slow-blow)
Fuse	5x20 fuse

### General

No. of channels	8
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## Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

### Technical data

#### General

With components	yes
Mechanical service life	3x 10 <sup>7</sup> cycles
Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green

#### Connection data

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14
Pitch	2.54 mm

#### Connection data 2

Connection name	Field level
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	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

#### Connection data 3

Connection name	Supply
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	2
Conductor cross section solid	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

#### Supported controller

Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QY82P
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LY41PT1P
	LY42PT1P

# Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

## Technical data

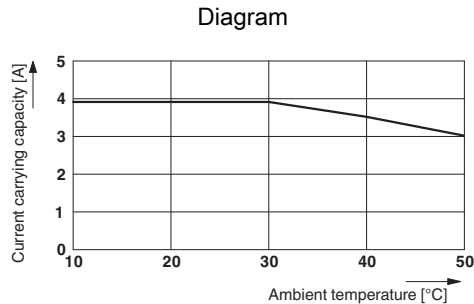
### Standards and Regulations

Designation	Air and creepage distances, output/output
Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	260 V AC
Rated surge voltage	4 kV (Basic insulation between output contact current paths)
	6 kV (Safe isolation and reinforced insulation between input circuit and output contact paths)
Pollution degree	2
Overvoltage category	III

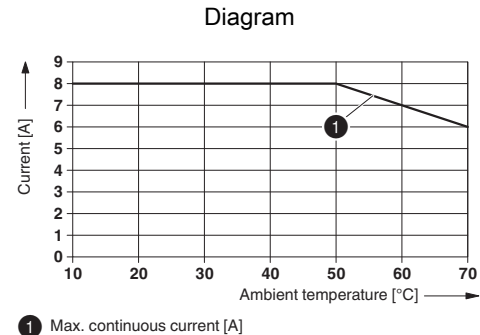
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

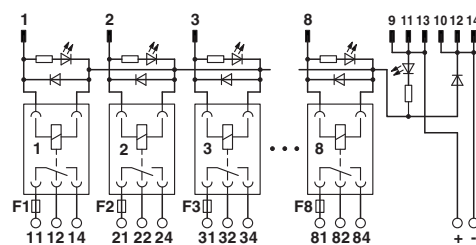


Derating curve for limiting continuous current



Derating curve: max. continuous current (terminal block supply)

### Circuit diagram



## Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 11.0	27141152
eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371000
eCl@ss 5.1	27371000
eCl@ss 6.0	27371000
eCl@ss 7.0	27141152
eCl@ss 9.0	27141152

#### ETIM

ETIM 6.0	EC002780
ETIM 7.0	EC002780

#### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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Approval details



# Active module - UM- 8RM/KSR-G24/21/SI/PLC - 2900892

## Approvals

EAC	The EAC (Eurasian Conformity) logo, consisting of the letters 'EAC' in a stylized, bold font.	RU*DE*08.B.01841/19
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