

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

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

Product Features

- ✓ 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 PDT with or without detectable manual operation



Key commercial data

Packing unit	1 pc
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
Height	111 mm
Depth	60 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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Technical data

Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
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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	Single contact, 1-PDT
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	100 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)

General

No. of channels	8
With components	Yes
Mechanical service life	3×10^7 cycles
Operating mode	100% operating factor
Degree of protection	IP20
Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green
Designation	Air and creepage distances, output/output
Standards/regulations	DIN EN 50178
	IEC 60664
	IEC 62103

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Technical data

General

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
Surge voltage category	III

Connection data for connection 1

Connection name	Coil side
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	14

Connection data for connection 2

Connection name	Contact side
Number of connections	24
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Screw thread	M3
Stripping length	8 mm

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC001437
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Classifications

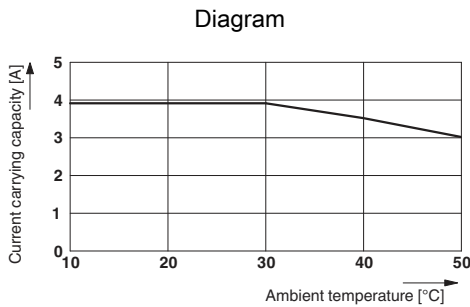
ETIM

ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

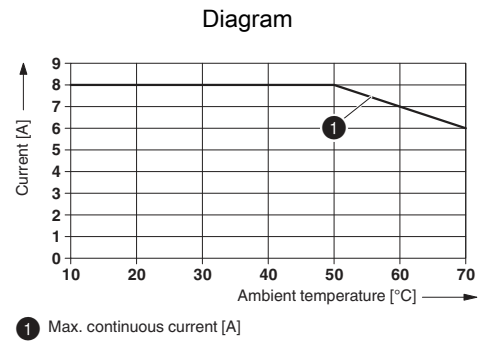
UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Drawings



Derating curve for limiting continuous current



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

Circuit diagram

