


Active module - UMK- 8 OM-R/MF - 2970921

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Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 088071
GTIN	4017918088071
Weight per Piece (excluding packing)	339.500 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Note

Note	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
	At least one functional insulation against adjacent modules is complied with (in the support rail direction). If the application has stricter requirements for the insulation (basic insulation or reinforced insulation), they must be realized by applying suitable measures (e. g. partition plates).

Dimensions

Width	180 mm
Height	77 mm
Depth	80 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP00
	\geq IP54 ()

Input data

Nominal input voltage U_N	24 V DC
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Input data

Typical input current at U_N	Related to the assembly
Status display/channel	Yellow LED

Output data

Maximum switching voltage	250 V AC/DC
Limiting continuous current	4 A
Output fuse	4 A Slow-blow (TR 5) (Max. fuse breaking capacity: 40 A)
Fuse	Slow-blow (TR 5)

General

Operating mode	100% operating factor
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data

Connection name	Input
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	16

Connection data 2

Connection name	Output
Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 6 mm ²
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 10

Standards and Regulations

Connection in acc. with standard	CUL
Designation	Air clearances and creepage distances between the power circuits
Standards/regulations	DIN EN 50178
Rated insulation voltage	260 V AC
Rated surge voltage	6 kV
Insulation	Safe isolation, reinforced insulation (between input and output only when using optocouplers with safe isolation)
Degree of pollution	2
Overvoltage category	III

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27371000
eCl@ss 6.0	27371000
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121542
UNSPSC 11	39121542
UNSPSC 12.01	39121542
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

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Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		250 V	
Nominal current IN		4 A	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		250 V	
Nominal current IN		4 A	

EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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Accessories

Accessories

Fuse

Fuse set - VF-SI/TR5/4AT - 2900998



Fuse set, number: 8 Pcs., fuse type: Fuse (TR5), nominal current: 4 A, tripping characteristic: slow-blow (T)