



### Notes

Note	<p>To guarantee safe operation, residual voltages (due to the cable capacitance of long connection lines or leakage currents of semi-conductor switches and their protective circuits) must be lower than the release voltage of the relays.</p> <p>For DC relays, the release voltage is specified with <math>\leq 5\%</math> of the nominal voltage; for AC relays, it is 15% of the nominal voltage (per VDE 0435).</p> <p>The relay may not reset if a high residual voltage exists. Depending on the reason for the residual voltage, changing the cable routing or a parallel connection of an RC element could remedy this situation.</p>
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### Technical data

Operating data		Module characteristics	
Nominal operating voltage	230 VAC	Resistor	470 $\Omega$
Operating voltage	0 ... 230 VAC	Capacitance	100 nF
Current consumption at $U_N$	7.2 mA (230 VAC; 50 Hz); 3.6 mA (115 VAC; 50 Hz)		
Nominal mains frequency range	50 ... 60 Hz		

### Physical data

Width	15 mm / 0.591 inches
Height from the surface	15.7 mm / 0.618 inches
Depth	10 mm / 0.394 inches

### Mechanical data

Mounting type	Pluggable module
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Fire load	0.027 MJ
Weight	1.5 g

### Environmental requirements

Ambient temperature (operation at $U_N$ )	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +70 °C

### Standards and specifications

Standards/specifications	EN 60664-1
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### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821583547
Customs tariff number	85369010000

### Product classification

UNSPSC	39121610
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-92
ETIM 9.0	EC002586
ETIM 8.0	EC002586
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance 788-148



## Documentation

### Bid Text

788-148	19.02.2019	xml 4.26 KB	
788-148	20.02.2019	docx 16.57 KB	

## CAD/CAE-Data

### CAE data

EPLAN Data Portal  
788-148



WSCAD Universe  
788-148

