



Notes	
Note	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. For DC relays, the release voltage is specified with $\leq 5\%$ of the nominal voltage; for AC relays, it is 15% of the nominal voltage (per VDE 0435). 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.

Technical data			
Operating data		Module characteristics	
Nominal operating voltage	230 VAC	Resistor	470 Ω
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



Material data	
Note (material data)	Information on material specifications can be found here
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

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

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			↓