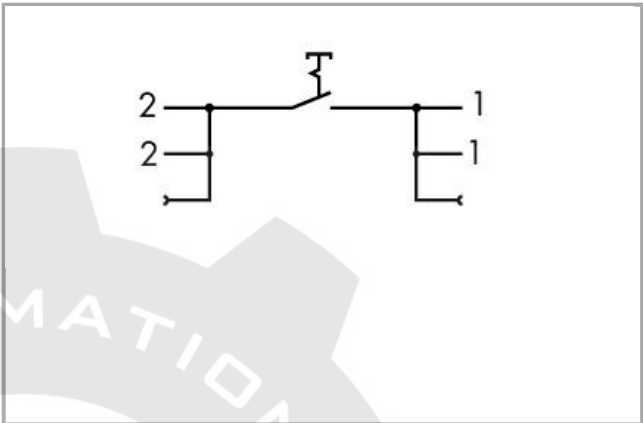


Data sheet | Item number: 789-801

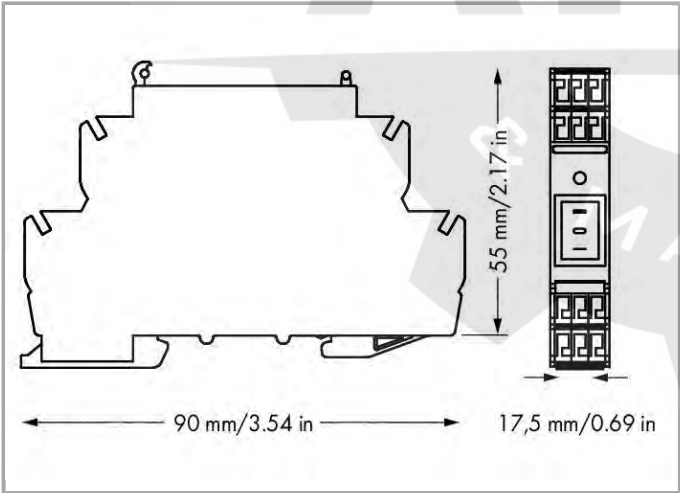
Switching module; with circuit breaker; Switching voltage: 250 VAC;
Switching current: 16 A



789-801



RoHS Compliant [BOMcheck.net](#)



Data
Electrical data

Operating voltage	≤ AC 250 V
Current consumption at supply voltage	0
Max. switching current (motor load)	4 A
Max. switching current (resistive)	16 A
Inrush current max.	100 A (capazitive)

Max. switching voltage	AC 250 V
Contact resistance	$\leq 100 \text{ m}\Omega$ (12 V/1 ADC; new condition)
Insulation resistance	$\geq 100 \text{ M}\Omega$ (500 VDC; new condition)
Contact gap	$\geq 3 \text{ mm}$
Electrical life (N.O.; resistive load; 23 °C)	10×10^3 switching operations
Mechanical life (N.O.; resistive load; 23 °C)	50×10^3 switching operations

Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Dielectric strength open contact (AC, 1 min)	1.25 kVrms

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Geometrical Data

Width	17.5 mm / 0.689 inch
Height from upper-edge of DIN-35 rail	55 mm / 2.165 inch
Depth	90 mm / 3.543 inch

Mechanical data

Type of mounting	DIN-35 rail
Housing design	DIN-rail-mount enclosure

Material Data

Contact material (switch)	Ag alloy
Fire load	1.08 MJ
Weight	44.065

Environmental Requirements

Surrounding air (operating) temperature at U_N	-20 ... 55 °C
Surrounding air (storage) temperature	-40 ... 80 °C

Standards and specifications

Standards/specifications	EN 50178; EN 60664-1, EN 61058-1
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Commercial data

Product Group	6 (Interface Electronics)
Country of origin	DE
GTIN	4050821274742
Customs Tariff No.	85365080990

Compatible products

ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-244
Marking accessories		
	Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type	248-504
Jumper		
	Item no.: 789-112 Push-in type jumper bar; 12-way; Nominal current 16 A; unplated	789-112
tools		
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720

Downloads

Documentation

Bid Text

789-801	Jan 15, 2016	doc	Download
Interface-Bausteine mit Sonderfunktionen		26.1 kB	



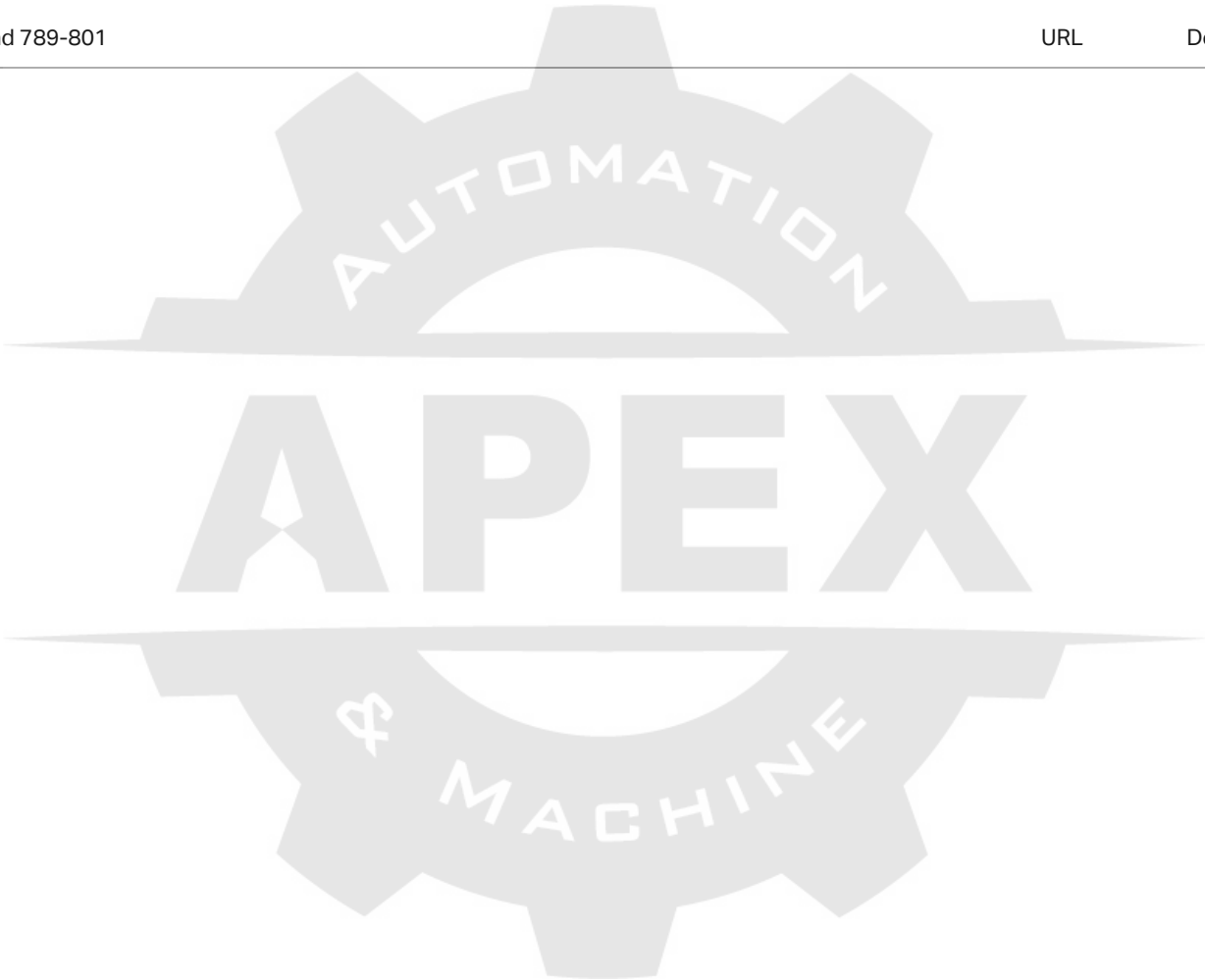
Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE - Smart Data

CAD data

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Subject to changes.