



Main

Product or Component Type	External power supply module
Device Application	Power supply
Range compatibility	Masterpact MasterPact MTZ Masterpact MasterPact NT Masterpact MasterPact NW ComPact ComPact NSX ComPact ComPact NSX DC ComPact ComPact NS630b...1600 ComPact ComPact NS1600b...3200 PowerPact PowerPact H PowerPact PowerPact J PowerPact PowerPact L PowerPact PowerPact P PowerPact PowerPact R
Accessory / separate part type	Trip unit accessories Control units accessories

Complementary

Trip unit name	MicroLogic
Power supply type	Regulated switch mode
[Us] rated supply voltage	110...130 V AC 50/60 Hz +10 % -15 %
Input voltage limits	93.5...143 V AC 47.5...63 Hz
Output Voltage	24 V DC +/-5 %
Overvoltage category	IV IEC 62477-1 IV UL 61010-1
Power supply output current	1 A
Kw Rating	24 W
Output protection type	Against overload manual reset Against overvoltage 30...32 V, manual reset Against short-circuits manual reset Thermal automatic reset
Inrush current	20 A 2 ms
Efficiency	85 %
Power dissipation in W	4.2 W
Holding time	>= 20 ms 110...130 V AC
Permissible temporary current boost	1.5 A 200 ms)
Connections - terminals	Screw type terminals 2 x 0.2...2 x 1.5 mm² AWG 24...AWG 16 Screw type terminals 1 x 0.2...1 x 4 mm² AWG 24...AWG 12
Mounting Support	35 x 7.5 mm symmetrical DIN rail
Operating position	Horizontal
Operating altitude	0...6561.68 ft (0...2000 m)
Name of test	Electrostatic discharges EN/IEC 61000-4-2 Induced electromagnetic field EN/IEC 61000-4-6 Magnetic field EN 61000-4-8 Primary outage IEC 61000-4-29 Radiated electromagnetic field EN/IEC 61000-4-3 Rapid transient IEC 61000-4-4 Surge EN/IEC 61000-4-5 Radiated emissions EN 61000-6-3 Conducted emissions on the power line EN 61000-6-3
Status LED	1 LED (Green) output voltage

Height	3.54 in (90 mm)
Width	4.25 in (108 mm)
Depth	2.66 in (67.5 mm)

Environment

Standards	UL 61010-1 IEC 62477-1
Marking	EAC CE UL
Environmental characteristic	EMC EN/IEC 61000-6-2 EMC EN/IEC 61000-6-3 Safety IEC 62477-1 Safety SELV
IP degree of protection	IP4X EN/IEC 60529 front face) IP2X EN/IEC 60529 connection terminals) IP3x EN/IEC 60529 housing)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)
Relative Humidity	0...95 % during operation 0...95 % in storage
Dielectric strength	3000 V between input and ground 3000 V between input and output 1500 V between output and ground
Compatibility code	CB_EXTERNAL_POWERSUPPLY

Ordering and shipping details

Category	US10DE201103
Discount Schedule	0DE2
GTIN	3606481190956
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.95 in (7.5 cm)
Package 1 Width	4.45 in (11.3 cm)
Package 1 Length	4.96 in (12.6 cm)
Package 1 Weight	13.54 oz (384.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	23
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	19.98 lb(US) (9.062 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes

Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.