



Main

Range	Masterpact
Product or component type	External power supply module
Device application	Power supply
Range compatibility	<ul style="list-style-type: none"> - Compact NS circuit breaker - Masterpact NW circuit breaker - Masterpact NT circuit breaker - Compact NSX circuit breaker - Compact NSX DC circuit breaker - PowerPact Multistandard circuit breaker - Masterpact MTZ1 circuit breaker - Masterpact MTZ2 circuit breaker - Masterpact MTZ3 circuit breaker - PowerPact H circuit breaker - PowerPact J circuit breaker - PowerPact L circuit breaker - PowerPact P circuit breaker - PowerPact R circuit breaker
Accessory / separate part type	Control units accessories Trip unit accessories

Complementary



Trip unit name	Micrologic
Power supply type	Regulated switch mode
[Us] rated supply voltage	380...415 V AC at 50/60 Hz tolerance: +10 % -15 %
Input voltage limits	323...456.5 V AC at 47.5...63 Hz
Output voltage	24 V DC tolerance: +/-5 %
Overvoltage category	III conforming to UL 61010-1 IV conforming to IEC 62477-1
Power supply output current	1 A
Rated power in W	24 W
Output protection type	Against overload, protection technology: manual reset Against short-circuits, protection technology: manual reset Against overvoltage, protection technology: 30...32 V, manual reset

	Thermal, protection technology: automatic reset
Inrush current	20 A for 2 ms
Efficiency	85 %
Power dissipation in W	4.2 W
Holding time	>= 20 ms 380...415 V AC
Permissible temporary current boost	1.5 A for 200 ms
Connections - terminals	Screw type terminals, connection capacity: 2 x 0.2...2 x 1.5 mm ² AWG 24...AWG 16 Screw type terminals, connection capacity: 1 x 0.2...1 x 4 mm ² AWG 24...AWG 12
Mounting support	35 x 7.5 mm symmetrical DIN rail
Operating position	Horizontal
Operating altitude	0...2000 m
Name of test	Radiated emissions conforming to EN 61000-6-3 Conducted emissions on the power line conforming to EN 61000-6-3 Electrostatic discharges conforming to EN/IEC 61000-4-2 Induced electromagnetic field conforming to EN/IEC 61000-4-6 Magnetic field conforming to EN 61000-4-8 Primary outage conforming to IEC 61000-4-11 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 Rapid transient conforming to IEC 61000-4-4 Surge conforming to EN/IEC 61000-4-5
Status LED	1 LED green output voltage
Height	90 mm
Width	108 mm
Depth	67.5 mm

Environment

Standards	IEC 62477-1 UL 61010-1
Marking	EAC UL CE
Environmental characteristic	EMC conforming to EN/IEC 61000-6-3 Safety conforming to IEC 62477-1 EMC conforming to EN/IEC 61000-6-2 Safety conforming to SELV
IP degree of protection	IP4X front face conforming to EN/IEC 60529 IP2x connection terminals conforming to EN/IEC 60529 IP3x housing conforming to EN/IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Relative humidity	0...95 % in storage 0...95 % during operation
Dielectric strength	3000 V for between input and output 3000 V for between input and ground 1500 V for between output and ground

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1840 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available  Product Environmental Profile
Product end of life instructions	Available