



Main

Device short name	I/O
Product or component type	I/O module
Range compatibility	Masterpact MTZ MasterPact NT Masterpact NW ComPact NSX ComPact NS630b...1600 ComPact NS1600b...3200 PowerPact J PowerPact L PowerPact H PowerPact P PowerPact R
Product name	Enerlin'X IO

Complementary

Communication network type	Universal Logic Plug on 2 RJ45 connectors
[Us] rated supply voltage	24 V DC - 20...10 %
Current consumption	165 mA
Electromagnetic compatibility	Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 Immunity to radiated fields 10 V/m conforming to EN/IEC 61000-4-3 Surge immunity test conforming to EN/IEC 61000-4-5
Number of inputs	6 digital 1 analog
Input type	Digital at state 1: 19.8...25.2 V - DC - 6.1...8.8 mA Digital at state 0: 0...19.8 V - DC - 0 mA
Number of outputs	3 digital
Output type	Digital: 250 V - AC - 5 A
Cable length	10 m
Mounting mode	By clips
Mounting support	35 mm DIN rail
Control type	By software
Time delay	0...20 s
Vibration frequency	5...8.4 Hz
Connections - terminals	Screw terminal block
Product certifications	FCC GOST CE CULus
Standards	IEC 60947-6-2 UL 60950 IEC 60950 UL 508
Depth	70.6 mm
Height	116 mm
Width	71.7 mm
Net weight	229.5 g

Environment

Relative humidity	5...85 %
IP degree of protection	IP2x connectors: IP4X front panel: IP3x other parts:
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...85 °C
Pollution degree	3
Flame retardance	V0 conforming to UL
Shock resistance	1000 m/s ²

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.294 kg
Package 1 Height	9 cm
Package 1 width	8.8 cm
Package 1 Length	12.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Weight	7.752 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Weight	71.228 kg
Package 3 Height	77 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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

Contractual warranty

Warranty	18 months
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