



### 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 <sup>2</sup>

## 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	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
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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