Product data sheet
Characteristics

LV434000
IFM Modbus SL interface module, Enerlin'X



Main

Range of product	ComPact NSX100...250 ComPact NSX400...630 ComPact NS630b...1600 ComPact NS1600b...3200
Device short name	IFM
Product or component type	Interface module
Range compatibility	Masterpact MasterPact MTZ Masterpact MasterPact NT Masterpact MasterPact NW ComPact ComPact NSX ComPact ComPact NS630b...1600 ComPact ComPact NS1600b...3200 PowerPact PowerPact J PowerPact PowerPact L PowerPact PowerPact H PowerPact PowerPact P PowerPact PowerPact R

Complementary

Communication network type	Universal Logic Plug on 2-port RJ45 Modbus, Modbus Serial line slave9.6...38.4 kbauds on 1 RJ45
Mounting mode	By clips
Mounting support	35 mm DIN rail
Accuracy class	Class 2 power supply
Input voltage	24 V DC - 20...10 %
Output voltage	24 V DC
Output current	3 A
Current consumption	30 mA 24 V DC room temperature
Power consumption in W	1.635 W
Memory type	EEPROM data storage
Connections - terminals	RJ45 connector Screw type terminals
Product certifications	EAC[RETURN]cULus[RETURN]CE[RETURN]FCC
Standards	CISPR 22 UL 61010 UL 60950 CISPR 24 CISPR 11 IEC 60950 IACS E10
Height	109 Mm
Width	18 Mm
Depth	73 Mm
Net weight	120 G

Environment

IP degree of protection	Connectors: IP20 Other parts: IP30
Relative humidity	5…85 % at 55 °C without condensation
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-20…70 °C
Pollution degree	3
Flame retardance	V0 conforming to UL 94
Shock resistance	+/- 15 gn 11 ms conforming to EN/IEC 60068-2-27
Vibration frequency	5…8.4 Hz conforming to EN/IEC 60068-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 Cm
Package 1 Width	8.000 Cm
Package 1 Length	11.500 Cm
Package 1 Weight	117.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	6.772 Kg

Offer Sustainability

Recyclability potential, in %	1
Total lifecycle Carbon footprint	28 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6.6796
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.018635
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.083038
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	20.681
Carbon footprint of the use phase [B2, B3, B4, B6]	21 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.16007
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	28
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	53781fec-693b-4ccc-9c67-d665770336b4
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Halogen-free status	Product contains halogen above thresholds
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised