

Product datasheet

Specifications



Communication module, ComPacT NSX, BSCM Modbus SL/ULP, breaker status and control module

LV434220

Main

Range of product	ComPacT NSX100...250 ComPacT NSX400...630
Device short name	BSCM MBSL/ULP
Product or component type	Communication module
Device application	Communication
Range compatibility	ComPacT NSX100 ComPacT NSX160 ComPacT NSX250 ComPacT NSX400 ComPacT NSX630
Function of module	Control circuit breaker Get breaking status Gateway for Modbus-SL connected devices

Complementary

Communication network type	Modbus, Modbus Serial line slave9.6...38.4 kbauds
Mounting mode	By clips
Accuracy class	Class 2 power supply
[Us] rated supply voltage	24 V DC
Input voltage	24 V DC +/- 10 %
Current consumption	40 mA 24 V DC room temperature
Power consumption in W	0.96 W
Connections - terminals	Plug-in connector
Product certifications	UL
Standards	CISPR 32 IEC 61000-4-3 IEC 61000-4-6 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-2
Height	34 mm
Width	28 mm
Depth	30 mm
Net weight	14 g

Environment

Relative humidity	5...85 % at 55 °C without condensation
Ambient air temperature for storage	-40...85 °C

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for operation	-25...70 °C
Pollution degree	3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 cm
Package 1 Width	4.400 cm
Package 1 Length	6.200 cm
Package 1 Weight	33.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	90
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.491 kg
Unit Type of Package 3	P06
Number of Units in Package 3	720
Package 3 Height	45.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	35.000 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	42 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	39 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	420bf2d3-b34e-4e58-baf2-c96c36dac5a4
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free plastic parts product

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	2
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 never end up in rubbish bins