

Product datasheet

Specifications



FBX Complete outdoor and non extensible switchboard RT2 (Light version)

FBX2NC0512A02WOC60

Main

Range of product	FBX
Product or component type	Gas insulated switchboard
Device composition	1 x riser 630 A 1 x circuit-breaker
Number of functions	2
enclosure type	NE (not extensible)
Standards	IEC 62271-200 IEC 60694 IEC 62271-100 IEC 62271-102 IEC 62271-103
Network type	AC
Rated frequency (fr)	50 Hz
Rated voltage (Ur)	12 kV
Rated continuous current (Ir)	630 A
Rated short-time withstand current (Ik)	21 kA rms 3 s

Complementary

Pressure sensor type	Multiscale manometer without contacts
IP degree of protection	Tank with HV parts: IP67 Low voltage control compartment: IP2X (with ventilated canopy) Front face + mechanism: IP2X (with ventilated canopy)
Bus rated current	630 A
Shaft type	Standard
user manual	English
IK degree of protection	IK07
cable box type	Standard without window
Relay type	Self-powered DPX-V5
Control type	Without riser Manual O - 3 min - CO - 3 min - CO circuit breaker
Secondary current transformer	1 A class 5P 10 (2.5 VA)
Interlocking type	ESW + LBSW
Height	2130 mm
Width	825 mm
Depth	975 mm

Product weight	350 kg
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Environment

Ambient air temperature for operation	-5...40 °C
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Operating altitude	<= 1000 m
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	213.0 cm
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Package 1 Width	97.5 cm
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Package 1 Length	82.5 cm
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Package 1 Weight	375.0 kg
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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	4 461 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 782 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	78 kg CO2 eq.
Carbon footprint of the installation phase [A5]	2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 457 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	141 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

F-gas free	Product containing F-gas
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	00540750-f95f-4e8e-9922-527989e10603
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No