

Product datasheet

Specifications



Circuit breaker, FBX, gas insulated switchgear, M+CCT2 with metering, outdoor and right extensible

FBX4RC0812A21WCC10

Main

Range of product	FBX
Product or component type	Gas insulated switchboard
Device composition	2 x switch disconnecter 630 A 1 x circuit-breaker 630 A 1 x metering device 630 A
Number of functions	4
enclosure type	RE (right extensible)
Standards	IEC 62271-1
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	Pressure gauge with position contact
IP degree of protection	Tank with HV parts: IP67 Low voltage control compartment: IP3x Front face + mechanism: IP3x Cable compartment: IP2XC
Bus rated current	630 A
Shaft type	Standard
user manual	English
IK degree of protection	IK07
cable box type	Standard without window
Control type	Manual switch disconnecter Manual O - 3 min - CO circuit breaker
Current transformer ratio	50-100/1 A
Local signalling voltage indication	1 fault indication
Interlocking type	ESW + LBSW
Height	2100 mm
Width	1730 mm
Depth	930 mm
Product weight	1060 kg

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	210 cm
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Package 1 Width	93 cm
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Package 1 Length	173 cm
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Package 1 Weight	1105 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	8 362 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	5 251 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	231 kg CO2 eq.
Carbon footprint of the installation phase [A5]	7 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]	416 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