

# Product datasheet

Specifications



## Circuit breaker, FBX, gas insulated switchgear, M(50-100/1A CT) +CT2CT2, outdoor and right extensible

FBX5RC0912A21WCC40

### Main

Range of product	FBX
Product or component type	Gas insulated switchboard
Device composition	2 x switch disconnecter 630 A 2 x circuit-breaker 630 A 1 x metering device 630 A
Number of functions	5
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	2050 mm
Depth	930 mm
Product weight	1265 kg

## Environment

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

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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	205 cm
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Package 1 Weight	1315 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	9 484 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6 249 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	275 kg CO2 eq.
Carbon footprint of the installation phase [A5]	8 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]	495 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### 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	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
PVC free	No

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No