

List No. WRCBX20C2

NH / NM / NMX

20A 30mA SPswN C Curve 6kA Type A 2 Module Stand Alone Bi-Directional RCBO



- Two module, Bi-Directional RCBO (wire in wire out)
- 20A C curve (MCB), 30mA Type A (RCD)
- Single pole with switched neutral

Number of poles (total) Number of protected poles Rated voltage Rated insulation voltage Ui Rated impulse withstand voltage Uimp Rated current Rated fault current 20 A Rated fault current Leakage current type A Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Voltage type AC Frequency So Hz Release characteristic C Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Voltage type Width in number of modular spacings Built-in depth Ta mm Flush-mounted installation No No No No No No No No No	oduct Specification Data	Revision Date: 07/02/2024
Rated voltage 230 V Rated insulation voltage Ui 400 V Rated impulse withstand voltage Uimp 4 kV Rated current 20 A Rated fault current 0.03 A Leakage current type A Current limiting class 3 Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Undelayed Voltage type AC Frequency 50 Hz Release characteristic C Concurrently switching neutral conductor Yes With interlocking device No Over voltage category 3 Ambient temperature during operating -5 - 40 °C Width in number of modular spacings Built-in depth 73 mm Flush-mounted installation	lumber of poles (total)	2
Rated insulation voltage Ui Rated impulse withstand voltage Uimp At kV Rated current 20 A Rated fault current 20 A Rated fault current 4 A Current limiting class 3 Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Undelayed Voltage type AC Frequency 50 Hz Release characteristic C Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating Via Maria Samm Flush-mounted installation No	lumber of protected poles	1
Rated impulse withstand voltage Uimp Rated current Rated fault current Leakage current type A Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Voltage type AC Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Flush-mounted installation A A Voltage type AC C Concurrently switching neutral conductor Yes With in number of modular spacings Built-in depth Flush-mounted installation	Rated voltage	230 V
Rated current Rated fault current 0.03 A Leakage current type A Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Voltage type AC Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating Flush-mounted installation O.03 A A A A C CA CA C CO CO CO CO	Rated insulation voltage Ui	400 V
Rated fault current Leakage current type A Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Undelayed Voltage type AC Frequency Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Width in number of modular spacings Panalogo A Built-in depth Flush-mounted installation	Rated impulse withstand voltage Uimp	4 kV
Leakage current type Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Voltage type AC Frequency Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Vidth in number of modular spacings Parallel A Built-in depth Flush-mounted installation	Rated current	20 A
Current limiting class Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Undelayed Voltage type AC Frequency Frequency Release characteristic Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Vidth in number of modular spacings Built-in depth Flush-mounted installation	Rated fault current	0.03 A
Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Voltage type AC Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device Over voltage category Ambient temperature during operating Vidth in number of modular spacings Built-in depth Flush-mounted installation 6 kA 6 k	eakage current type	A
Disconnection characteristic Undelayed Voltage type AC Frequency So Hz Release characteristic Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating Vidth in number of modular spacings Built-in depth Flush-mounted installation Undelayed Undelayed Undelayed Undelayed AC Fequency So Hz Release characteristic C C C C C C C C C C C C C	Current limiting class	3
Voltage type Frequency Frequency So Hz Release characteristic C Concurrently switching neutral conductor Yes With interlocking device No Over voltage category Ambient temperature during operating Yes Vidth in number of modular spacings Built-in depth Flush-mounted installation AC AC AC AC Frequency 50 Hz C C C Wes Yes No No No	- · · · · · · · · · · · · · · · · · · ·	6 kA
Frequency Frequency Release characteristic C Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating -5 - 40 °C Width in number of modular spacings Built-in depth Flush-mounted installation 50 Hz C C Wes Yes No No	Disconnection characteristic	Undelayed
Release characteristic Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating -5 - 40 °C Width in number of modular spacings Built-in depth Flush-mounted installation C C Yes No No No	oltage type	AC
Concurrently switching neutral conductor With interlocking device No Over voltage category Ambient temperature during operating -5 - 40 °C Width in number of modular spacings Built-in depth Flush-mounted installation Yes No No	requency	50 Hz
With interlocking device Over voltage category Ambient temperature during operating -5 - 40 °C Width in number of modular spacings Built-in depth 73 mm Flush-mounted installation No	Release characteristic	С
Over voltage category Ambient temperature during operating -5 - 40 °C Width in number of modular spacings 2 Built-in depth 73 mm Flush-mounted installation No	Concurrently switching neutral conductor	Yes
Ambient temperature during operating -5 - 40 °C Width in number of modular spacings 2 Built-in depth 73 mm Flush-mounted installation No	Vith interlocking device	No
Width in number of modular spacings 2 Built-in depth 73 mm Flush-mounted installation No	Over voltage category	3
Built-in depth 73 mm Flush-mounted installation No	ambient temperature during operating	-5 - 40 °C
Flush-mounted installation No	Vidth in number of modular spacings	2
	Built-in depth	73 mm
Anti nuicanes tripping version	lush-mounted installation	No
Anti-nuisance inpping version	Anti-nuisance tripping version	No
Degree of protection (IP)	Degree of protection (IP)	IP20
Connectable conductor cross section solid-core .75-16 mm ²	Connectable conductor cross section solid-core	.75-16 mm²
Connectable conductor cross section multi-wired .75-16 mm²	Connectable conductor cross section multi-wired	.75-16 mm ²
Product Standard/s IEC 61009-1	Product Standard/s	IEC 61009-1
CE Conformity Yes	CE Conformity	Yes
WEEE Symbol Yes	VEEE Symbol	Yes

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this datasheet, specifications and performance data are constantly changing. Latest details can be obtained from the Electrium website.

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Revision Date: 07/02/2024

UKCA Conformity

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