Product data sheet

Specifications

Green Premium™

Vacuum circuit breaker, EasyPact EXE, basic function, 12kV, 75kVp, 25kA, 3s, 2000A 185mm, IEC

EXE122520B1B

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Main

Range of product	EasyPact EXE
Device short name	VCB base
Product or component type	Circuit breaker
Variant	Basic
Technology type	Vacuum
Rated frequency (fr)	50/60 Hz
Standards	IEC 62271-100
Rated voltage (Ur)	12 kV
Rated short-duration power-frequency withstand voltage (Ud)	38 kV rms 50 Hz for 1 min
Rated lightning impulse withstand voltage (Up)	95 kV peak
Rated current [Ik]	2000 A
Phase distance	185 mm
Number of poles	3
Network type	AC
Inter contact distance	270 mm
Rated short-circuit making current	62.5 kA 50 Hz 65 kA 60 Hz
Rated short-time withstand current (Ik)	25 kA rms 3 s
Rated peak withstand current (Ip)	62.5 kA 50 Hz 65 kA 60 Hz
Short-circuit current	25 kA
Control type	Push-button
Mounting mode	Fixed Withdrawable
Protection type	Without protection

Complementary

Rated operating sequence	O - 3 min - CO - 3 min - CO O - 0.3 s - CO - 3 min - CO O - 0.3 s - CO - 15 s - CO

Operating time	< 50 ms opening < 66 ms breaking < 71 ms closing
Charging time	0…7 s
Number of mechanical operations	10000 operating cycles, M2
Electrical endurance classification	E2 list 1
Rated line-charging breaking current (Ii)	10 A C2
Rated cable-charging breaking current (Ic)	25 A C2

Environment

Weight	55 kg
Height	527 mm
Width	550 mm
Depth	429 mm
Ambient air temperature for operation	-25…40 °C
Ambient air temperature for storage	-25…55 °C
Product certifications	ASEFA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	58.7 cm
Package 1 Width	80.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	70.0 kg
Unit Type of Package 2	P06
Number of Units in Package 2	1
Package 2 Height	60.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	65.0 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile

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Recommended replacement(s)