

# Product data sheet

Specifications



## Vacuum circuit breaker, EasyPact EXE, basic function, 17.5kV, 95kVp, 20kA, 3s, 800A, 150mm, IEC

EXE172008K1B

### 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)	17.5 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]	800 A
Phase distance	150 mm
Number of poles	3
Network type	AC
Inter contact distance	270 mm
Rated short-circuit making current	50 kA 50 Hz 52 kA 60 Hz
Rated short-time withstand current (Ik)	20 kA rms 3 s
Rated peak withstand current (Ip)	50 kA 50 Hz 52 kA 60 Hz
Short-circuit current	20 kA
Control type	Push-button
Mounting mode	Withdrawable Fixed
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
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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 C1
Rated cable-charging breaking current (Ic)	31.5 A C1
Rated single capacitor bank-breaking current (Isb)	400 A C1

## Environment

Weight	50 kg
Height	527 mm
Width	477 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	65.0 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	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information

Recommended replacement(s)