Product datasheet

Specifications

Basic Function Vacuum Circuit Breaker 0-12kV 75kVp 20kA 3s 800A 185 IEC

EXE122008B1B

Price: 45,488.25 ZAR

Main

Master Range	Easy Series
Range Of Product	EasyPact
Product Name	EasyPact EXE
Switching Device	Circuit breaker
Breaking Technology	Vacuum
Product Or Component Type	Circuit breaker
Pole Type	Open
Number Of Poles	3
Network Type	AC
Type Of Installation	Indoor
Integration Type	Fixed
Variant	Basic function
Standards	IEC 62271-100:2012
Rated Voltage (Ur)	12 kV
Rated Short-Duration Power Frequency Withstand Voltage (Ud) / Common Value	28 kV
Rated Lightning Impulse Withstand Voltage (Up) / Common Value	75 kV
Rated Frequency (Fr)	50/60 Hz
Rated Continuous Current (Ir)	800 A
Rated Short-Circuit Breaking Current (Isc)	20 kA
Rated Short-Circuit Making Current	50 kA 50 Hz 52 kA 60 Hz
Dc Time Constant (T)	45 ms
Dc Component	30 %
Rated Short-Time Withstand Current (Ik)	20 kA
Rated Duration Of Short-Circuit (Tk)	3 s
Rated Peak Withstand Current (Ip)	50 kA 50 Hz 52 kA 60 Hz
Rated First Pole-To-Clear Factor (Kpp)	1.5
Rated Out-Of-Phase Breaking Current (Id)	7.88 kA
Rated Line-Charging Breaking Current (Il)	10 A

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Rated Cable-Charging Breaking Current (Ic)	25 A
Rated Single Capacitor Bank-Breaking Current (Isb)	400 A
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

Complementary

Auxiliary Contact Composition	4 NO + 4 NC
Operating Time	< 50 ms opening time < 66 ms break-time < 71 ms closing time
Motor Charging Time	<= 7 s
Classification For Electrical Endurance	E2
Number Of Operations At Short-Circuit Breaking Current	50
Classification For The Connection To The Network	S1
Classification For Capacitive Currents	C2
Number Of Mechanical Operations	10000 operating cycles
Classification For Number Of Mechanical Operations	M2
Mass	55 kg
Height	527 mm
Width	550 mm
Depth	429 mm
Phase Distance	185 mm
Clearance In Air To Earth	150 mm
Upper Lower Connection Distance	270 mm

Environment

Product Certifications	ASEFA
Ambient Air Temperature For Operation	-25…40 °C
Ambient Air Temperature For Storage	-25…55 °C
Humidity Conditions	Average relative humidity over 1 month <= 90 % Average relative humidity over 24 h <= 95 %
Operating Altitude	0...1000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	73 cm
Package 1 Width	60 cm
Package 1 Length	80 cm
Package 1 Weight	70.0 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information