Product datasheet

Specifications

Green Premium™

circuit breaker, EasyPact EZS160E with TMD trip unit, 100A, 3P/3d

EZS160E3100

Main

Range Of Product	EasyPact EZS
Product Or Component Type	Circuit breaker
Device Short Name	EZS160E
Circuit Breaker Application	Distribution
Poles Description	3P
Protected Poles Description	3D
Breaking Capacity Code	E
Control Type	Toggle
Network Type	AC
Network Frequency	50/60 Hz
Upside Connection	Front
Downside Connection	Front
[In] Rated Current	100 A at 40 °C

Complementary

[Ui] Rated Insulation Voltage	690 V conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to EN/IEC 60947-2
[Ue] Rated Operational Voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2 400 V AC 50/60 Hz conforming to GB 14048.2
Neutral Position	Left
Mounting Mode	Fixed
Mounting Support	Backplate
Connection Pitch	35 mm
Breaking Capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 kA Icu at 220/230 V AC 50/60 Hz conforming to GB 14048.2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to GB 14048.2
[Ics] Rated Service Breaking Capacity	30 kA at 220/230 V AC 50/60 Hz conforming to GB 14048.2 19 kA at 380/400 V AC 50/60 Hz conforming to GB 14048.2 40 kA at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Suitability For Isolation	Yes

Utilisation Category	Category A
Mechanical Durability	25000 cycles conforming to EN/IEC 60947-2 20000 cycles conforming to GB 14048.2
Electrical Durability	25000 cycles 415 V In/2 conforming to EN/IEC 60947-2 8000 cycles 400 V In conforming to GB 14048.2
Protection Type	Overload protection (thermal) Short-circuit protection (magnetic)
Trip Unit Name	TM-D
Trip Unit Technology	Thermal-magnetic
Trip Unit Rating	100 A at 40 °C
Long Time Pick-Up Adjustment Type Ir	Fixed
Long Time Pick-Up Adjustment Range	1 In
Long Time Delay Adjustment Type	Fixed
Instantaneous Pick-Up Adjustment Type Ii	Fixed
Integral Instant Protection	800 kA

Environment

Standards	IEC 60947-2 EN 60947-2
Ip Degree Of Protection	IP40 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to IEC 62262
Pollution Degree	3 conforming to IEC 60947-1
Ambient Air Temperature For Operation	-35…70 °C
Ambient Air Temperature For Storage	-50…85 °C
Height	161 mm
Width	105 mm
Depth	86 mm
Net Weight	2.2 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9 cm
Package 1 Width	10.5 cm
Package 1 Length	16 cm
Package 1 Weight	2.25 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	9
Package 2 Height	23 cm
Package 2 Width	38 cm
Package 2 Length	49.5 cm
Package 2 Weight	20.25 kg

Unit Type Of Package 3	PAL
Number Of Units In Package 3	72
Package 3 Height	107.2 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	169.2 kg

Sustainability ![Green Premium]

Green Premium^{TM} 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

✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

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