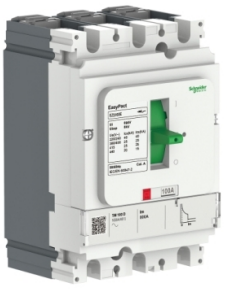
Product datasheet

Specifications

Green Premium™



circuit breaker, EasyPact EZS160F with TMD trip unit, 160A, 3P/3d

EZS160F3160

Main

Range Of Product	EasyPact EZS
Product Or Component Type	Circuit breaker
Device Short Name	EZS160F
Circuit Breaker Application	Distribution
Poles Description	3P
Protected Poles Description	3D
Breaking Capacity Code	F
Control Type	Toggle
Network Type	AC
Network Frequency	50/60 Hz
Upside Connection	Front
Downside Connection	Front
[In] Rated Current	160 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	70 kA Icu at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 35 kA Icu at 220/230 V AC 50/60 Hz conforming to GB 14048.2 70 kA Icu at 380/400 V AC 50/60 Hz conforming to GB 14048.2
[Ics] Rated Service Breaking Capacity	53 kA at 220/230 V AC 50/60 Hz conforming to GB 14048.2 26 kA at 380/400 V AC 50/60 Hz conforming to GB 14048.2 70 kA at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA at 380/400 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 18 kA at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Suitability For Isolation	Yes

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

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	160 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	1250 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	13.4 cm
Package 1 Width	19.1 cm
Package 1 Length	11.7 cm
Package 1 Weight	1.723 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	9
Package 2 Height	23.4 cm
Package 2 Width	36.2 cm
Package 2 Length	48.9 cm
Package 2 Weight	16.691 kg

Unit Type Of Package 3	PAL
Number Of Units In Package 3	144
Package 3 Height	92 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	248.112 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

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