



Main

Range of product	EZD
Product or component type	Circuit breaker
Device short name	EZD100M
Circuit breaker application	Distribution
Poles description	3P
Protected poles description	3d

Complementary

Earth-leakage protection	Without
[In] rated current	80 A 40 °C
Breaking capacity code	M
Network type	AC
Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-2
[Ue] rated operational voltage	500 V EN/IEC 60947-2 AC 50/60 Hz
Breaking capacity	10 kA Icu EN/IEC 60947-2 500 V AC 50/60 Hz 20 kA Icu EN/IEC 60947-2 440 V AC 50/60 Hz 65 kA Icu EN/IEC 60947-2 220/230 V AC 50/60 Hz 35 kA Icu EN/IEC 60947-2 380/400 V AC 50/60 Hz 30 kA Icu EN/IEC 60947-2 415 V AC 50/60 Hz
Utilisation category	Category A
[Ics] rated service breaking capacity	30 kA EN/IEC 60947-2 220/230 V AC 50/60 Hz 17 kA EN/IEC 60947-2 380/400 V AC 50/60 Hz 7 kA EN/IEC 60947-2 415 V AC 50/60 Hz 5 kA EN/IEC 60947-2 440 V AC 50/60 Hz 3 kA EN/IEC 60947-2 500 V AC 50/60 Hz
Mechanical durability	8500 cycles
Electrical durability	4000 cycles EN/IEC 60947-2 440 V In
Connection pitch	25 mm
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	1 In
Instantaneous pick-up adjustment type li	Fixed
Height	130 mm
Width	75 mm

Depth	60 mm
Product weight	0.78 kg
Compatibility code	EZD100

Environment

Standards	EN 60947-2 IEC 60947-2
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0734 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available