



Main

Range of product	EZD
Product or component type	Circuit breaker
Device short name	Vigi EZD630M
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d

Complementary

Earth-leakage protection	With
[In] rated current	500 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	440 V EN/IEC 60947-2 AC 50/60 Hz
Breaking capacity	70 kA Icu EN/IEC 60947-2 220/230 V AC 50/60 Hz 50 kA Icu EN/IEC 60947-2 440 V AC 50/60 Hz 50 kA Icu EN/IEC 60947-2 380/415 V AC 50/60 Hz
[Ics] rated service breaking capacity	70 kA EN/IEC 60947-2 220/230 V AC 50/60 Hz 25 kA EN/IEC 60947-2 440 V AC 50/60 Hz 50 kA EN/IEC 60947-2 380/415 V AC 50/60 Hz
Mechanical durability	10000 cycles
Electrical durability	4000 cycles EN/IEC 60947-2 440 V In
Connection pitch	45 mm
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	500 A 40 °C
Protection type	Earth-leakage protection Short-circuit protection (magnetic) Overload protection (thermal)
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	1 In
Instantaneous pick-up adjustment type li	Fixed
Integral instant protection	5000 kA
Residual earth-leakage sensitivity adjustment type	Adjustable 5 settings

[IΔn] residual earth-leakage sensitive adjustment	3 A 1 A 30 A 10 A 0.3 A
Residual earth-leakage time delay adjustment type	Adjustable 4 settings
[Δt] residual earth-leakage time delay adjustment	0 ms < 40 ms 150 ms < 300 ms 310 ms < 800 ms 60 ms < 140 ms
Height	355 mm
Width	185 mm
Depth	110 mm
Product weight	10.8 kg
Compatibility code	EZD630

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 1316 - 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	Need no specific recycling operations