



### Main

Range of product	EZD
Product or component type	Circuit breaker
Device short name	Vigi EZD160E
Circuit breaker application	Distribution
Poles description	4P
Protected poles description	3d

### Complementary

Earth-leakage protection	With
[In] rated current	80 A 40 °C
Breaking capacity code	E
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	440 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	50 kA Icu EN/IEC 60947-2 220/230 V AC 50/60 Hz 20 kA Icu EN/IEC 60947-2 440 V AC 50/60 Hz 25 kA Icu EN/IEC 60947-2 380/415 V AC 50/60 Hz
[Ics] rated service breaking capacity	25 kA EN/IEC 60947-2 220/230 V AC 50/60 Hz 10 kA EN/IEC 60947-2 440 V AC 50/60 Hz 13 kA EN/IEC 60947-2 380/415 V AC 50/60 Hz
Mechanical durability	10000 cycles
Electrical durability	5000 cycles EN/IEC 60947-2 440 V In
Connection pitch	35 mm
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A 40 °C
Protection type	Short-circuit protection (magnetic) Earth-leakage protection 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
Residual earth-leakage sensitivity adjustment type	Adjustable 4 settings
[IΔn] residual earth-leakage sensitive adjustment	1 A 0.3 A 0.5 A 0.1 A

Residual earth-leakage time delay adjustment type	Adjustable 4 settings
[ $\Delta t$ ] residual earth-leakage time delay adjustment	1000 ms < 2000 ms 500 ms < 1000 ms 200 ms < 400 ms 0 ms < 150 ms
Height	165 mm
Width	140 mm
Depth	68 mm
Product weight	2.1 kg
Compatibility code	EZD160

## 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 0726 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available