



Main

Range of product	Easypact CVS100...250
Product or component type	Earth leakage circuit breaker
Device short name	Vigi CVS160N
Device application	Distribution
Poles description	4P
Protected poles description	3d
Neutral position	Left
Earth leakage protection (Vigi add on)	With
[In] rated current	160 A (40 °C)
Breaking capacity code	N
Network type	AC
[Icu] Breaking capacity	50 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz 40 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 80 kA Icu conforming to IEC 60947-2 at 220/240 V AC 50/60 Hz
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	160 A (40 °C)
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Earth-leakage add-on module name	VIJ

Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front

Downside connection	Front
Connections - terminals	Screw connection
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Thermal protection adjustment range	0...160 A
[Ics] rated service breaking capacity	30 kA conforming to IEC 60947-2 440 V AC 50/60 Hz 50 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz 80 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz
Mechanical durability	25000 cycles
Electrical durability	12000 cycles conforming to IEC 60947-2 415 V In
Connection pitch	35 mm
Contact position indicator	Yes
Neutral protection setting	No protection 3d
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[Tr] long-time delay adjustment range	200 ms
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	1250 A
Earth-leakage protection class	Class A
Residual earth-leakage sensitivity adjustment type	Adjustable 3 settings
[IΔn] residual earth-leakage sensitive adjustment	0.1 A 0.3 A 0.5 A
Residual earth-leakage time delay adjustment type	Adjustable 3 settings
[Δt] residual earth-leakage time delay adjustment	5...10 s ≤ 500 ms
Height	236 mm
Width	140 mm
Depth	86 mm

Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	GOST IEC
IP degree of protection	IP40
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 1116 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months
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