



Main

Range of product	Easypact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS160N
Device application	Motor
Poles description	3P
Protected poles description	3d
Earth leakage protection (Vigi add on)	Without
[In] rated current	160 A (65 °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	MA
Trip unit technology	Magnetic
Trip unit rating	150 A (65 °C)
Protection type	Short-circuit protection (magnetic)

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
[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
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	9...14 x In
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	9...14 x In
Height	161 mm
Width	105 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
-----------------	-----------