



Main

Range of product	Easypact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS100F
Device application	Distribution
Poles description	3P
Protected poles description	3d
Earth-leakage protection	Without
[In] rated current	100 A (40 °C)
Breaking capacity code	F
Network type	AC
Breaking capacity	36 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 36 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz 70 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
Protection type	Overload protection (thermal) 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
Thermal protection adjustment range	0...80 A
[Ics] rated service breaking capacity	18 kA conforming to IEC 60947-2 440 V AC 50/60 Hz 36 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz 70 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz
Mechanical durability	30000 cycles
Electrical durability	12000 cycles conforming to IEC 60947-2 415 V In
Connection pitch	35 mm
Contact position indicator	Yes
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
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	640 A
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 1041 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available