



Main

Commercial Status	Commercialised
Range of product	Easypact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS100F
Circuit breaker 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
[Ue] rated operational voltage	440 V conforming to EN/IEC 60947-2 AC 50/60 Hz
Breaking capacity	70 kA Icu conforming to IEC 60947-2 at 220/240 V AC 50/60 Hz 36 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz 36 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	100 A (40 °C)
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
[Ui] rated insulation voltage	690 V conforming to EN/IEC 60947-2
Downside connection	Front
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	Ics 70 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz Ics 36 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz Ics 18 kA conforming to IEC 60947-2 440 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	800 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
Pollution degree	3 conforming to 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	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	Need no specific recycling operations

Contractual warranty

Period	18 months
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