

LV510307

Easypact CVS - CVS100B TM100D circuit breaker - 3P/3d



Main

Range of product	Easypact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS100B
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	B
Network type	AC
[Ue] rated operational voltage	440 V conforming to EN/IEC 60947-2 AC 50/60 Hz
Breaking capacity	25 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz 20 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 40 kA Icu conforming to IEC 60947-2 at 220/240 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 40 kA conforming to IEC 60947-2 220/240 V AC 50/60 Hz Ics 25 kA conforming to IEC 60947-2 380/415 V AC 50/60 Hz Ics 15 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