Product data sheet Characteristics

LV510313

Easypact CVS - CVS100B TM40D circuit breaker - 4P/3d





Main

Range of product Product or component type Device short name CVS100B Circuit breaker application Poles description Neutral position Left Earth-leakage protection [In] rated current Breaking capacity code Breaking capacity Breaking capacity Breaking capacity Cusuation Breaking capacity Cusuation Cusuation AC [Ue] rated operational voltage Breaking capacity Cusuation Cusuat			
type Device short name CVS100B Circuit breaker application Poles description Protected poles description Neutral position Left Earth-leakage protection [In] rated current Breaking capacity code B Network type AC [Ue] rated operational voltage Breaking capacity Breaking capacity 25 kA Icu conforming to IEC 60947-2 AC 50/60 Hz 20 kA Icu conforming to IEC 60947-2 at 380/415 V AC 50/60 Hz 20 kA Icu conforming to IEC 60947-2 at 220/240 V AC 50/60 Hz Suitability for isolation Ves conforming to EN/IEC 60947-2 Suitability for isolation Yes conforming to EN/IEC 60947-2 Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	Range of product	Easypact CVS100250	
Circuit breaker application Poles description Protected poles description Neutral position Left Earth-leakage protection [In] rated current Breaking capacity code Network type AC [Ue] rated operational voltage 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 Ves conforming to EN/IEC 60947-2 Utilisation category Category A Trip unit name TM-D Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	•	Circuit breaker	
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Earth-leakage protection [In] rated current 100 A (40 °C) Breaking capacity code B Network type AC [Ue] rated operational voltage 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 40 A (40 °C) Protection type Overload protection (thermal)	•	3d	
tion [In] rated current 100 A (40 °C) Breaking capacity code B Network type AC [Ue] rated operational voltage 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 40 A (40 °C) Protection type Overload protection (thermal)	Neutral position	Left	
Breaking capacity code Network type AC [Ue] rated operational voltage 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 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 40 A (40 °C) Protection type Overload protection (thermal)	0 1	Without	
Network type AC [Ue] rated operational voltage 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 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 40 A (40 °C) Protection type Overload protection (thermal)	[In] rated current	100 A (40 °C)	
[Ue] rated operational voltage 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 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 40 A (40 °C) Protection type Overload protection (thermal)	Breaking capacity code	В	
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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 40 A (40 °C) Protection type Overload protection (thermal)		440 V conforming to EN/IEC 60947-2 AC 50/60 Hz	
Utilisation category Category A Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	Breaking capacity	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	
Trip unit name TM-D Trip unit technology Thermal-magnetic Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Trip unit technology Thermal-magnetic Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	Utilisation category	Category A	
Trip unit rating 40 A (40 °C) Protection type Overload protection (thermal)	Trip unit name	TM-D	
Protection type Overload protection (thermal)	Trip unit technology	Thermal-magnetic	
• • • • • • • • • • • • • • • • • • • •	Trip unit rating	40 A (40 °C)	
	Protection type	. ,	

Complementary

o o mpromornomy	
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
[lcs] 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
Neutral protection setting	No protection 3d
Long time pick-up adjstment type Ir	Adjustable

Long time pick-up adjustment range	0.71 x ln
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	500 A
Height	161 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
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-5085 °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

