Product datasheet

Specification





Easypact CVS - CVS100N 6.2 40A circuit breaker - 3P

LV510648

Main

Range	EasyPact
Product Or Component Type	Circuit breaker
Device Short Name	CVS100N
Device Application	Distribution

Complementary

Complemental y		
Poles Description	3P	
Protected Poles Description	3D	
Network Type	AC	
Network Frequency	50/60 Hz	
Control Type	Toggle	
Mounting Mode	Fixed	
Mounting Support	Backplate	
Upside Connection	Front	
Downside Connection	Front	
[In] Rated Current	40 A at 40 °C	
[Ui] Rated Insulation Voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2	
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to EN/IEC 60947-2	
[Ue] Rated Operational Voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Breaking Capacity Code	N	
Breaking Capacity	50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 90 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] Rated Service Breaking Capacity	38 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 90 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
Suitability For Isolation	Yes conforming to EN/IEC 60947-2	
Utilisation Category	Category A	
Mechanical Durability	30000 cycles	
Electrical Durability	12000 cycles 415 V In conforming to IEC 60947-2 30000 cycles 415 V In/2 conforming to IEC 60947-2	
Connection Pitch	35 mm	
Trip Unit Name ETS 6.2		

Trip Unit Technology	Electronic	
Trip Unit Protection Functions	LSIG	
Trip Unit Rating	40 A at 40 °C	
Protection Type	Overload protection (long time) Ground fault protection Short time short-circuit protection Instantaneous short-circuit protection	
Long Time Pick-Up Adjustment Type Ir	Adjustable	
Long Time Pick-Up Adjustment Range	1840 A	
Long Time Delay Adjustment Type	Adjustable	
[Tr] Long-Time Delay Adjustment Range	15400 s at 1.5 x lr 0.3511 s at 7.2 x lr 0.516 s at 6 x lr	
Thermal Memory	20 minutes before and after tripping	
Short-Time Pick-Up Adjustment Type Isd	Adjustable	
[Isd] Short-Time Pick-Up Adjustment Range	1.510 x lr	
Short-Time Delay Adjustment Type	Adjustable	
[Tsd] Short-Time Delay Pick-Up	00.4 s	
Instantaneous Pick-Up Adjustment Type Ii	Adjustable	
Instantaneous Pick-Up	1.515 x In Easypact CVS100	
Ground-Fault Pick-Up Adjustment Type	Adjustable	
Ground-Fault Time Delay Adjustment Type -Tg	Adjustable	
[Tg] Ground-Fault Time Delay Adjustment Range	00.4 s	
[lg] Ground-Fault Pick-Up Adjustment Range	1640 A	
Zone Selective Interlocking Zsi	Without	
Display Type	LCD display	
Electrical Shock Protection Class	Class II	
Electrical Data Recording	Maintenance indicators	
Height	161 mm	
Width	105 mm	
Depth	87 mm	

Environment

Standards	EN 60947-2 IEC 60947-2	
Product Certifications	СВ	
Ip Degree Of Protection	IP40 conforming to IEC 60529	
Ik Degree Of Protection	IK07 conforming to IEC 62262	
Pollution Degree	3 conforming to IEC 60664-1	
Ambient Air Temperature For Operation	-2570 °C	
Ambient Air Temperature For Storage	-5085 °C	
Net Weight	2.05 kg	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	19.0 cm
Package 1 Length	18.0 cm
Package 1 Weight	1.8 kg



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Transparency RoHS/REACh

Well-being performance

⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations Circularity Profile

24-Jun-2024