LRR14N

Thermal overload relay,EasyPact TVR,7-10A,class 10A

Main

Range	EasyPact
Product name	EasyPact TVR
Product or component type	Differential thermal overload relay
Device short name	LRR
Relay application	Motor protection
Product compatibility	LC1R09...R32
Thermal protection adjustment range	7…10 A

Complementary

Control type	Red push-button: stop Green push-button: reset
Thermal overload class	Class 10A conforming to IEC 60947-4-1
Tripping threshold	1.14 +/- 0.06 Ir conforming to IEC 60947-4-1
Phase failure sensitivity	Tripping current I 30 % of Ir on one phase, the others at Ir conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60801-5
[Ith] conventional free air thermal current	5 A for signalling circuit
Associated fuse rating	5 A gG 5 A BS
Mounting support	Direct on contactor DIN rail terminal block Plate terminal block
Connections - terminals	Control circuit: screw clamp terminals 1 1…2.5 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1…2.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1…2.5 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 1…2.5 mm² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 1 1.5…6 mm² - cable stiffness: flexible without cable end Power circuit: screw clamp terminals 1 1…4 mm² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 1…6 mm² - cable stiffness: solid without cable end
Tightening torque	Control circuit: 1.7 N.m - on screw clamp terminals Power circuit: 1.7 N.m - on screw clamp terminals
Width	45 mm
Depth	70 mm
Net weight	124 g

Environment

Standards	GB 14048.4 IEC 60947-4-1
Product certifications	CCC
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5…40 °C without derating conforming to IEC 60947-4-1 -20…60 °C with derating
Ambient air temperature for storage	-40…60 °C
Fire resistance	850 °C conforming to IEC 60695-2-11
Mechanical robustness	Vibrations: 2 GN, , +/- 1 mm conforming to IEC 60068-2-6 Shocks: 4 gn, , 11 ms conforming to IEC 60068-2-27
Dielectric strength	6 kV at 50 Hz conforming to IEC 60255-5

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.4 cm
Package 1 Width	8.0 cm
Package 1 Length	8.5 cm
Package 1 Weight	149.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	33
Package 2 Height	15.0 cm
Package 2 Width	29.9 cm
Package 2 Length	39.8 cm
Package 2 Weight	5.32 kg
Unit Type of Package 3	P06
Number of Units in Package 3	660
Package 3 Height	90.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	116.4 kg

Offer Sustainability

REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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