Lembar data produk
Karakteristik

LT4730EA
TeSys LT47 electronic over current relays - automatic - 3...30 A - 48 V AC/DC

Main

Range	TeSys
Product name	TeSys LT
Product or component type	Electronic over current relay
Device short name	LT47
Device application	Protection
Relay application	Locked rotor, mechanical jamming I > 3 x Isetting Overload Imax > Isetting Sensitivity to phase failure
[Us] rated supply voltage	48 V DC 48 V AC
Thermal protection adjustment range	3...30 A
[Ui] rated insulation voltage	600 V AC power circuit conforming to CSA 600 V AC power circuit conforming to UL 690 V AC power circuit conforming to IEC 60947-4-1

Complementary

Network frequency	50...60 Hz
Mounting support	Rail
Tripping threshold	3...25 A
Electromagnetic compatibility	Conducted emission class A conforming to EN 55011 Immunity to electromagnetic interference 10 V/m conforming to IEC 61000-4-3 Resistance to electrostatic discharge 8 kV in open air conforming to IEC 61000-4-2 Resistance to electrostatic discharge 6 kV in direct mode conforming to IEC 61000-4-2 Immunity to fast transients 2 kV conforming to IEC 61000-4-4 Surge withstand 6 kV conforming to IEC 61000-4-5 Conducted HF disturbances 10 V conforming to IEC 61000-4-6
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	3 A for signalling circuit
Associated fuse rating	3 A gG for signalling circuit 3 A BS for signalling circuit
[Uimp] rated impulse withstand voltage	6 kV
Time range	1...120 s - control type R-time 0.3...30 s - control type O-time
Local signalling	1 LED (green)

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

	1 LED (red)
Control type	Automatic for reset mode
Connections - terminals	Signalling circuit : screw clamp terminals 1 cable(s) 1...2.5 mm² - cable stiffness: flexible - with cable end cable end Signalling circuit : screw clamp terminals 1 cable(s) 1...2.5 mm² - cable stiffness: flexible - without cable end cable end Signalling circuit : screw clamp terminals 2 cable(s) 1...2.5 mm² - cable stiffness: flexible - with cable end cable end Signalling circuit : screw clamp terminals 2 cable(s) 1...2.5 mm² - cable stiffness: flexible - without cable end cable end
Tightening torque	Signalling circuit : 1.7 N.m screw : M3.5
Height	70.3 mm
Width	71 mm
Depth	77.2 mm
Product weight	0.192 kg

Environment

Standards	IEC 60255-6 IEC 60947
Product certifications	CSA UL
Protective treatment	TH conforming to IEC 60068
IP degree of protection	IP20 conforming to VDE 0106 IP20 conforming to IEC 60529
Ambient air temperature for operation	-25...60 °C without derating conforming to IEC 60947-4-1
Ambient air temperature for storage	-30...80 °C
Operating altitude	2000 m
Mechanical robustness	Shocks 15 Gn for 11 ms IEC 60068-2-7 Vibrations 4 gn IEC 60068-2-6
Dielectric strength	2 kV at 50 Hz conforming to IEC 60255-5

Contractual warranty

Warranty period	18 months