



Main

Range	TeSys
Product name	TeSys DPER
Product or component type	Thermal overload relay
Device short name	DPER
Device application	Protection
Relay application	Motor protection
Phase failure sensitivity	Tripping current I 30 % of I _r on one phase, the others at I _r conforming to IEC 60947-4-1
Quantity per set	Set of 1

Complementary

Network type	AC
Network frequency	50/60 Hz
Mounting support	Screw clamp
Tripping threshold	1.14 +/-0.06 I _n A conforming to IEC 60947-4-1
Surge withstand	6 kV conforming to IEC 60801-5
Protection type	BS fuse of 5 A in control circuit GB2 circuit breaker of 5 A in control circuit GG fuse of 5 A in control circuit
[Ui] rated insulation voltage	690 V AC conforming to IEC 60947-4-1 600 V AC conforming to CSA
Connections - terminals	Screw clamp terminals control circuit 2 1...2.5 mm ² flexible without Screw clamp terminals control circuit 2 1...2.5 mm ² flexible with Screw clamp terminals control circuit 2 1...2.5 mm ² solid without Screw clamp terminals control circuit 1 1...2.5 mm ² flexible with Screw clamp terminals control circuit 1 1...2.5 mm ² flexible without
Tightening torque	1.7 N.m of control circuit with screw clamp terminals
Height	137 mm
Width	45 mm
Depth	70 mm
Product weight	0.124 kg

Environment

Standards	EN 60947-4-1
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IEC 60947-1
IEC 60947-4-1

Product certifications	CCC CSA UL
Protective treatment	TH conforming to IEC 60068-2-52 TH conforming to IEC 60068-2-30
IP degree of protection	IP2x conforming to VDE 0106
Ambient air temperature for operation	-20...60 °C conforming to IEC 60947-4-1
Shock resistance	15 gn, duration : 11 ms conforming to IEC 60068-2-7
Dielectric strength	6 kV at 50 Hz conforming to IEC 60255-5
Vibration resistance	6 gn on plate conforming to IEC 60068-2-6