



Main

Range	Easy TeSys
Product name	Easy TeSys DPER
Product or Component Type	Thermal overload relay
Device short name	DPER
Relay application	Overload protection
Product compatibility	Contactors DPE09-38
Phase failure sensitivity	Tripping current 130 % of I_r on two phase, the last one at 0

Complementary

Network type	DC AC
Network Frequency	0...400 Hz
Mounting support	Separate, with specific accessories Under contactor
Thermal overload class	Class 10 IEC 60947-4-1
Auxiliary contact composition	1 NO + 1 NC
Thermal protection adjustment range	1.6...2.5 A
Tripping threshold	1.14 +/- 0.06 I_r IEC 60947-4-1
[I_{th}] conventional free air thermal current	5 A signalling circuit
Permissible current	3 A 120 V AC-15 signalling circuit 0.22 A 125 V DC-13 signalling circuit
[U_e] rated operational voltage	690 V AC 0...400 Hz power circuit IEC 60947-4-1
[U_i] rated insulation voltage	Power circuit 600 V cUL Power circuit 690 V IEC 60947-4-1
[U_{imp}] rated impulse withstand voltage	6 kV
Temperature compensation	-4...140 °F (-20...60 °C)
Connections - terminals	Screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) - flexible without cable end Screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) - flexible with cable end Screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) - solid without cable end Screw clamp terminals 1 0.00...0.02 in ² (1.5...10 mm ²) - flexible without cable end Screw clamp terminals 1 0.00...0.01 in ² (1...4 mm ²) - flexible with cable end Screw clamp terminals 1 0.00...0.01 in ² (1...6 mm ²) - solid without cable end Screw clamp terminals AWG 10...AWG 18)
Tightening torque	Control circuit 1.7 N.m screw clamp terminals Power circuit 1.7 N.m screw clamp terminals
Control type	Red push-button stop Blue push-button reset
Height	2.60 in (66 mm)
Width	1.77 in (45 mm)
Depth	2.76 in (70 mm)
Product Weight	0.27 lb(US) (0.124 kg)

Environment

Standards	EN/IEC 60947-4-1 EN/IEC 60947-5-1 UL 60947-4-1 UL 60947-5-1 CUL
Product Certifications	cUL
Protective treatment	TH IEC 60068
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	-4...140 °F (-20...60 °C) without derating IEC 60947-4-1
Ambient Air Temperature for Storage	-76...158 °F (-60...70 °C)
Dielectric strength	1.89 kV 50 Hz IEC 60947-1

Ordering and shipping details

Category	22363 - EASY TESYS DPER1
Discount Schedule	I13
GTIN	3606485332505
Nbr. of units in pkg.	1
Package weight(Lbs)	4.87 oz (138 g)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.93 in (4.9 cm)
Package 1 width	3.03 in (7.7 cm)
Package 1 Length	3.46 in (8.8 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Weight	8.05 lb(US) (3.653 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Weight	160.56 lb(US) (72.827 kg)
Package 3 Height	30.31 in (77 cm)
Package 3 width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

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