Product data sheet
Characteristics

DPER21
Thermal overload relay,Easy TeSys DPER,12…18 A,class 10

Green Premium

Product availability: Stock - Normally stocked in distribution facility

Price*: 23.00 USD



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	Contactor DPE09-38
Thermal protection adjustment range	12…18 A
Thermal overload class	Class 10 IEC 60947-4-1
[Ui] rated insulation voltage	Power circuit 600 V cUL Power circuit 690 V IEC 60947-4-1

Complementary

Network type	DC AC
Network Frequency	0...400 Hz
Auxiliary contact composition	1 NO + 1 NC
[Ith] conventional free air thermal current	5 A signalling circuit
Permissible current	1.5 A 240 V AC-15 signalling circuit 0.1 A 250 V DC-13 signalling circuit
Phase failure sensitivity	Tripping current 130 % of Ir on two phase, the last one at 0
Tripping threshold	1.14 +/- 0.06 Ir IEC 60947-4-1
Protection type	BS fuse 5 A - control circuit GB2 circuit breaker 5 A - control circuit GG fuse 5 A - control circuit
[Ue] rated operational voltage	690 V AC 0...400 Hz power circuit IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 KV
Surge withstand	6 KV IEC 60801-5
Dielectric strength	1.89 KV 50 Hz IEC 60947-1
Control type	Red push-button stop Blue push-button reset

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Mounting support	Separate, with specific accessories Under contactor
Connections - terminals	Control circuit screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²) flexible without cable end Control circuit screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²) flexible with cable end Control circuit screw clamp terminals 2 0.00…0.00 in² (1…2.5 mm²) solid without cable end Power circuit screw clamp terminals 1 0.00…0.01 in² (1.5…6 mm²) flexible without cable end Power circuit screw clamp terminals 1 0.00…0.01 in² (1…4 mm²) flexible with cable end Power circuit screw clamp terminals 1 0.00…0.01 in² (1…6 mm²) solid without cable end
Tightening torque	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 22.13 lbf.in (2.5 N.m) screw clamp terminals
Height	2.60 In (66 mm)
Width	1.77 In (45 mm)
Depth	2.76 In (70 mm)
Net Weight	0.27 Lb(US) (0.124 kg)

Environment

IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH IEC 60068
Temperature compensation	-4…140 °F (-20…60 °C)
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)
Shock resistance	15 gn 11 ms IEC 60068-2-7
Vibration resistance	6 gn on plate IEC 60068-2-6
Standards	EN/IEC 60947-4-1 EN/IEC 60947-5-1 UL 60947-4-1 UL 60947-5-1 CUL
Product Certifications	CUL

Ordering and shipping details

Category	22363-EASY TESYS DPER1
Discount Schedule	I13
GTIN	3606485332451
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.97 In (5.0 cm)
Package 1 Width	3.07 In (7.8 cm)
Package 1 Length	3.46 In (8.8 cm)
Package 1 Weight	5.19 Oz (147.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	5.91 In (15.0 cm)
Package 2 Width	11.81 In (30.0 cm)
Package 2 Length	15.75 In (40.0 cm)
Package 2 Weight	8.47 Lb(US) (3.842 kg)
Unit Type of Package 3	P06

Number of Units in Package 3	384
Package 3 Height	30.31 In (77.0 cm)
Package 3 Width	23.62 In (60.0 cm)
Package 3 Length	31.50 In (80.0 cm)
Package 3 Weight	159.24 Lb(US) (72.228 kg)

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

Product Life Status : Commercialised