Product data sheet

Specifications

Thermal overload relay,Easy TeSys DPER,1-1.7A,class 10

DPER06

Product availability: Stock - Normally stocked in distribution facility

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	1…1.7 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	3 A 120 V AC-15 signalling circuit 0.22 A 125 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
Mounting support	Separate, with specific accessories Under contactor

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Connections - terminals	Control circuit screw clamp terminals 2 0.002…0.004 in² (1…2.5 mm²) flexible without cable end
	Control circuit screw clamp terminals 2 0.002…0.004 in² (1…2.5 mm²) flexible with cable end
	Control circuit screw clamp terminals 2 0.002…0.004 in² (1…2.5 mm²) solid without cable end
	Power circuit screw clamp terminals 1 0.002…0.009 in² (1.5…6 mm²) flexible without cable end
	Power circuit screw clamp terminals 1 0.002…0.006 in² (1…4 mm²) flexible with cable end
	Power circuit screw clamp terminals 1 0.002…0.009 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 15.05 lbf.in (1.7 N.m) screw clamp terminals
Height	2.6 in (66 mm)
Width	1.8 in (45 mm)
Depth	2.8 in (70 mm)
Net Weight	0.273 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	US10I1322363
Discount Schedule	0I13
GTIN	3606485332512
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.10 in (7.874 cm)
Package 1 Width	1.90 in (4.826 cm)
Package 1 Length	3.50 in (8.89 cm)
Package weight(Lbs)	4.960 oz (140.615 g)
Unit Type of Package 2	S02

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Number of Units in Package 2	24
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.206 lb(US) (3.722 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Height	30.31 in (77 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	150.770 lb(US) (68.388 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**13**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
SCIP Number	**224fb0ea-2bc1-482e-b6b4-c1bdd9779659**
REACh Regulation	**REACh Declaration**
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**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Easy TeSys Thermal Overload Relays
Technical Benefits

Protecting A.C. circuits and motors from overloads, phase failure, long starting times, and prolonged stalled rotor conditions.

Include automatic compensation for ambient temperature variations.

4 width sizes available to cover all ratings: from 45 mm (up to 38 A) to 242 mm (up to 630 A)

Compensated relays with manual or automatic reset and relay trip indicator

Terminal block for separate mounting

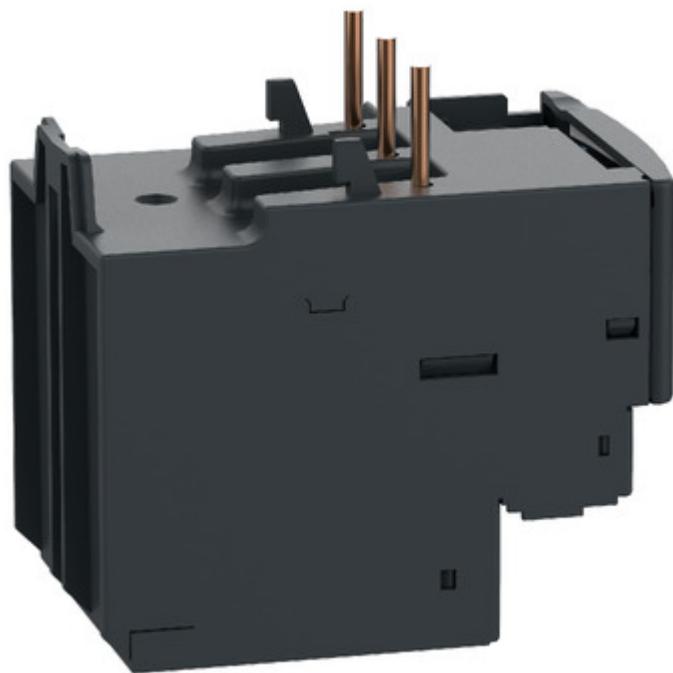Offer Marketing Illustration

Product benefits / Features
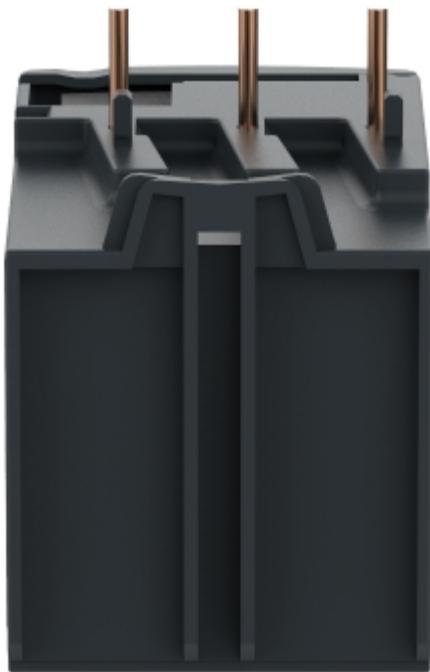

Easy TeSys Thermal Overload Relays
Range Accessories

Contact blocks

Auxiliary contact

Mounting accessories

Manual starter enclosure

Manual starter padlocking

Image of product / Alternate images

Alternative

Technical Illustration

Assembly's dimensions

mm
[in]

65
[3]

57.7
[2.3]

70.5
[3]

44.8
[2]