

# Product data sheet

Specifications



## Thermal overload relay, Easy TeSys DPER, 23...32A, class 10

DPER332

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range	Easy TeSys
Product name	Easy TeSys DPER
Product or Component Type	Differential thermal overload relay
Device short name	DPER
Relay application	Motor protection
Product compatibility	Contactors DPE40-65
Thermal protection adjustment range	23...32 A
Thermal overload class	Class 10 IEC 60947-4-1
[Ui] rated insulation voltage	Power circuit 600 V UL 60947-4-1 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	0.95 A 240 V AC-15 signalling circuit 0.06 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 4 A - signalling circuit GG fuse 4 A - signalling circuit
[Ue] rated operational voltage	300 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	Plate, with specific accessories Rail, 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.

<b>Connections - terminals</b>	Control circuit screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) flexible without cable end Control circuit screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) flexible with cable end Control circuit screw clamp terminals 2 0.002...0.004 in <sup>2</sup> (1...2.5 mm <sup>2</sup> ) solid without cable end Power circuit screw connectors 1 0.004...0.04 in <sup>2</sup> (2.5...25 mm <sup>2</sup> ) flexible without cable end Power circuit screw connectors 1 0.004...0.04 in <sup>2</sup> (2.5...25 mm <sup>2</sup> ) flexible with cable end Power circuit screw connectors 1 0.004...0.04 in <sup>2</sup> (2.5...25 mm <sup>2</sup> ) solid without cable end
<b>Tightening torque</b>	Control circuit 15.05 lbf.in (1.7 N.m) screw clamp terminals Power circuit 44.3 lbf.in (5 N.m) screw connection 0.004...0.02 in <sup>2</sup> (2.5...16 mm <sup>2</sup> ) Power circuit 62.0 lbf.in (7 N.m) screw connection 0.02...0.04 in <sup>2</sup> (16...25 mm <sup>2</sup> )
<b>Height</b>	2.8 in (70 mm)
<b>Width</b>	2.2 in (55 mm)
<b>Depth</b>	4.8 in (123 mm)
<b>Product Weight</b>	0.827 lb(US) (0.375 kg)

## Environment

<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Climatic withstand</b>	IACS E10
<b>Protective treatment</b>	TH IEC 60068
<b>Temperature compensation</b>	-4...140 °F (-20...60 °C)
<b>Ambient air temperature for operation</b>	-4...140 °F (-20...60 °C) without derating IEC 60947-4-1
<b>Ambient Air Temperature for Storage</b>	-76...158 °F (-60...70 °C)
<b>Shock resistance</b>	15 gn 11 ms IEC 60068-2-7
<b>Vibration resistance</b>	4 gn on plate IEC 60068-2-6
<b>Flame retardance</b>	V1 conforming to UL 94
<b>Standards</b>	EN/IEC 60947-4-1 EN/IEC 60947-5-1 UL 60947-4-1 UL 60947-5-1 CSA C22.2 No 60947-4-1 CSA C22.2 No 60947-5-1 EN 50495
<b>Product Certifications</b>	IEC cULus

## Ordering and shipping details

<b>Category</b>	US10I1322362
<b>Discount Schedule</b>	0113
<b>GTIN</b>	3606482465428
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.6 in (6.5 cm)

<b>Package 1 Width</b>	4.09 in (10.4 cm)
<b>Package 1 Length</b>	5.4 in (13.8 cm)
<b>Package weight(Lbs)</b>	13.8 oz (391 g)
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	13
<b>Package 2 Height</b>	5.9 in (15 cm)
<b>Package 2 Width</b>	11.8 in (30 cm)
<b>Package 2 Length</b>	15.7 in (40 cm)
<b>Package 2 Weight</b>	11.901 lb(US) (5.398 kg)
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	208
<b>Package 3 Height</b>	29.5 in (75 cm)
<b>Package 3 Width</b>	23.6 in (60 cm)
<b>Package 3 Length</b>	31.5 in (80 cm)
<b>Package 3 Weight</b>	209.148 lb(US) (94.868 kg)

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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

Total lifecycle Carbon footprint	4 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.9 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Free of Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	27
Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No