

Product data sheet

Specifications



Thermal overload relay, Easy TeSys DPER, 9...13 A, class 10

DPER16

Product availability : Stock - Normally stocked in distribution facility

Price* : 23.00 USD

Main

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|-------------------------------------|--|
| 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 |
| Thermal protection adjustment range | 9...13 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

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|---|---|
| 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 |

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

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|--------------------------------|--|
| Mounting support | Separate, with specific accessories Under contactor |
| Connections - terminals | Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible without cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) flexible with cable end Control circuit screw clamp terminals 2 0.00...0.00 in ² (1...2.5 mm ²) solid without cable end Power circuit screw clamp terminals 1 0.00...0.01 in ² (1.5...6 mm ²) flexible without cable end Power circuit screw clamp terminals 1 0.00...0.01 in ² (1...4 mm ²) flexible with cable end Power circuit screw clamp terminals 1 0.00...0.01 in ² (1...6 mm ²) 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 | 2.60 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

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| 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

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|-------------------------------------|------------------------|
| Category | 22363-EASY TESYS DPER1 |
| Discount Schedule | I13 |
| GTIN | 3606485332468 |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 5.08 oz (144.0 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|-------------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.97 in (5.0 cm) |
| Package 1 Width | 3.07 in (7.8 cm) |
| Package 1 Length | 3.54 in (9.0 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 8.19 lb(US) (3.715 kg) |
| Package 2 Height | 5.91 in (15.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |

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|-------------------------------------|---------------------------|
| Package 2 Length | 15.75 in (40.0 cm) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 384 |
| Package 3 Weight | 151.62 lb(US) (68.772 kg) |
| Package 3 Height | 31.50 in (80.0 cm) |
| Package 3 Width | 31.50 in (80.0 cm) |
| Package 3 Length | 23.62 in (60.0 cm) |

Offer Sustainability

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| 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 Product out of China RoHS scope. Substance declaration for your information. |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |