

BV4T007J

Motor Circuit Protector, TeSys BV4, high fault, 7A, 600Y/347 VAC, 42 to 98 instantaneous trip, up to 100kA SCCR

Product availability : Stock - Normally stocked in distribution facility



Price* : 500.00 USD



Main

| | |
|---------------------------|--------------------------|
| Range | TeSys |
| Product name | TeSys BV4 |
| Device short name | BV4 |
| Product or component type | Motor Circuit Protector |
| Device application | Motor |
| Performance level | High performance |
| Poles description | 3P |
| Utilisation category | Category A |
| Trip unit technology | Magnetic |
| Protection type | Short-circuit |
| Line Rated Current | 7 A 104 °F (40 °C) |
| Magnetic setting range | 42...98 A 104 °F (40 °C) |
| Control type | Toggle |

Complementary

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|--------------------------------|-------------------------------------------------------------------|
| [Ue] rated operational voltage | 600Y/347 V AC 50/60 Hz |
| Mounting mode | By clips By screws |
| Mounting support | 75 mm symmetrical DIN rail 35 mm symmetrical DIN rail Plate |
| Mechanical durability | 40000 cycles |
| Electrical durability | 40000 cycles AC-3 440 V In/2 40000 cycles AC-3 440 V In |
| Local signalling | Presence of auxiliary contacts flag green) |

* 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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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of slots | 1 alarm switch fault signalling contact, plug-in 1 voltage release electrical remote tripping, plug-in 1 auxiliary switch open/close contact, plug-in |
| Connection pitch | 1.06 in (27 mm) |
| Electrical Connection | 2 EverLink BTR screw connectors 0.00...0.11 in ² (1.5...70 mm ²) AWG 14...AWG 2/0), solid copper 2 EverLink BTR screw connectors 0.00...0.08 in ² (1.5...50 mm ²) AWG 6...AWG 1/0), flexible copper |
| Tightening torque | 44.25 lbf.in (5 N.m) 0.02 in ² (10 mm ²) AWG 8) 79.66 lbf.in (9 N.m) 0.02 in ² (16 mm ²) AWG 6) |
| Wire stripping length | 0.79 in (20 mm) |
| Maximum Height | 6.38 in (162 mm) |
| Maximum Width | 3.19 in (81 mm) |
| Maximum Depth | 4.57 in (116 mm) |
| Net Weight | 3.31 lb(US) (1.5 kg) |
| Quantity per set | 1 |
| Color | Gray RAL 7016) |

Environment

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|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Standards | CSA C22.2 No 5 UL 489 |
| Product certifications | CSA UL |
| IP degree of protection | IP40 front face IEC 60529 |
| IK degree of protection | IK07 IEC 62262 |
| Mechanical robustness | Vibrations +/- 1 mm 2...13.2 Hz IEC 60068-2-6 Vibrations 0.7 gn 13.2...100 Hz IEC 60068-2-6 Shocks 15 gn 11 ms IEC 60068-2-27 |
| Ambient Air Temperature for Operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage | -58...185 °F (-50...85 °C) |
| Operating altitude | 6561.68 ft (2000 m) without derating > 2000...5000 m with derating |

Ordering and shipping details

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|-------------------|--------------------------------------------|
| Category | 01124 - TESYS BV4 MOTOR CIRCUIT PROTECTORS |
| Discount Schedule | I11 |
| GTIN | 03606489503666 |
| Returnability | Yes |
| Country of origin | MX |

Offer Sustainability

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |
| Halogen content performance | Halogen free plastic parts product |