

# Product data sheet

Specifications



## TeSys BV4 - Inst. Trip Motor Circuit Breaker - 12.5A 3P - EverLink - High Fault

BV4T012J

⚠ Discontinued on: Jan 30, 2021

⚠ Discontinued

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### 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        | 12.5 A 104 °F (40 °C)     |
| Magnetic setting range    | 75...175 A 104 °F (40 °C) |
| Control Type              | Toggle                    |

### Complementary

|                                |   |
|--------------------------------|---|
| [Ue] rated operational voltage | 600Y/347 V AC 50/60 Hz  |
| Mounting Mode                  | By screws<br>By clips   |
| Mounting Support               | 75 mm symmetrical DIN rail<br>35 mm symmetrical DIN rail<br>Plate   |
| Mechanical durability          | 40000 cycles  |
| Electrical durability          | 40000 cycles AC-3 440 V In/2<br>40000 cycles AC-3 440 V In  |
| Local signalling               | Flag (green) for presence of auxiliary contacts   |
| Number of slots                | 1 alarm switch fault signalling contact, plug-in<br>1 voltage release electrical remote tripping, plug-in<br>1 auxiliary switch open/close contact, plug-in   |
| Connection pitch               | 1.06 in (27 mm)   |
| Electrical Connection          | 2 EverLink BTR screw connectors 0.002...0.1 in <sup>2</sup> (1.5...70 mm <sup>2</sup> ) AWG 14...AWG 2/0, solid copper<br>2 EverLink BTR screw connectors 0.002...0.08 in <sup>2</sup> (1.5...50 mm <sup>2</sup> ) AWG 6...AWG 1/0, flexible copper |
| Tightening torque              | 44.3 lbf.in (5 N.m) 0.02 in <sup>2</sup> (10 mm <sup>2</sup> ) (AWG 8)<br>79.7 lbf.in (9 N.m) 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) (AWG 6)  |

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

|                       |                     |
|-----------------------|---------------------|
| Wire stripping length | 0.8 in (20 mm)      |
| Height                | 6.4 in (162 mm)     |
| Width                 | 3.2 in (81 mm)      |
| Depth                 | 4.6 in (116 mm)     |
| Net Weight            | 3.3 lb(US) (1.5 kg) |
| Quantity per Set      | 1                   |
| color                 | Gray RAL 7016)      |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CSA C22.2 No 5<br>UL 489  |
| Product Certifications                | UL<br>CSA   |
| IP degree of protection               | IP40 front face IEC 60529   |
| IK degree of protection               | IK07 conforming to IEC 62262  |
| Mechanical robustness                 | Vibrations +/- 1 mm 2...13.2 Hz IEC 60068-2-6<br>Vibrations 0.7 gn 13.2...100 Hz IEC 60068-2-6<br>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<br>> 2000...5000 m with derating   |

## Ordering and shipping details

|                   |                |
|-------------------|----------------|
| Category          | US10I1101124   |
| Discount Schedule | 0I11           |
| GTIN              | 03606481328397 |
| Returnability     | No             |

## Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg.  | 1   |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

[EU RoHS Directive](#)

Compliant

Halogen content performance

Halogen free plastic parts product

PVC free

Yes

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)