

# Product data sheet

Specifications



## Motor Circuit Protector, TeSys BV4, standard fault, 25A, 600Y/347 VAC, 110 to 360 instantaneous trip, up to 100kA SCCR

BV4T025D

Product availability: Stock - Normally stocked in distribution facility

**Price\*: 400.00 USD**

### Main

Range	TeSys
Product Name	TeSys BV4
Device Short Name	BV4
Product Or Component Type	Motor Circuit Protector
Device Application	Motor
Performance Level	Standard
Poles Description	3P
Utilisation Category	Category A
Trip Unit Technology	Magnetic
Protection Type	Short-circuit
Line Rated Current	25 A 104 °F (40 °C)
Magnetic Setting Range	110...360 A 104 °F (40 °C)
Control Type	Toggle

### Complementary

[Ue] Rated Operational Voltage	600Y/347 V AC 50/60 Hz
Mounting Mode	By screws By clips
Mounting Support	75 mm symmetrical DIN rail Plate 35 mm symmetrical DIN rail
Mechanical Durability	40000 cycles
Electrical Durability	40000 cycles AC-3 440 V In/2 20000 cycles AC-3 440 V In
Local Signalling	for presence of auxiliary contacts flag (green)
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 <sup>2</sup> (1.5...70 mm <sup>2</sup> ) AWG 14...AWG 2/0, solid copper 2 EverLink BTR screw connectors 0.00...0.08 in <sup>2</sup> (1.5...50 mm <sup>2</sup> ) AWG 6...AWG 1/0, flexible copper

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

<b>Tightening Torque</b>	44.25 lbf.in (5 N.m) 0.02 in <sup>2</sup> (10 mm <sup>2</sup> ) (AWG 8) 79.66 lbf.in (9 N.m) 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) (AWG 6)
<b>Wire Stripping Length</b>	0.79 in (20 mm)
<b>Height</b>	6.38 in (162 mm)
<b>Width</b>	3.19 in (81 mm)
<b>Depth</b>	4.57 in (116 mm)
<b>Net Weight</b>	3.31 lb(US) (1.5 kg)
<b>Quantity Per Set</b>	1
<b>Color</b>	Gray RAL 7016)

## Environment

<b>Standards</b>	UL 489 CSA C22.2 No 5
<b>Product Certifications</b>	CSA UL
<b>Ip Degree Of Protection</b>	IP40 front face IEC 60529
<b>Ik Degree Of Protection</b>	IK07 IEC 62262
<b>Mechanical Robustness</b>	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
<b>Ambient Air Temperature For Operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature For Storage</b>	-58...185 °F (-50...85 °C)
<b>Operating Altitude</b>	6561.68 ft (2000 m) without derating > 2000...5000 m with derating

## Ordering and shipping details

<b>Category</b>	01124-TESYS BV4 MOTOR CIRCUIT PROTECTORS
<b>Discount Schedule</b>	I11
<b>Gtin</b>	3606481328335
<b>Returnability</b>	Yes
<b>Country Of Origin</b>	MX

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	4.30 in (10.92 cm)
<b>Package 1 Width</b>	6.50 in (16.51 cm)
<b>Package 1 Length</b>	8.70 in (22.1 cm)
<b>Package 1 Weight</b>	3.90 lb(US) (1.77 kg)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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✓ Pvc Free

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✓ Halogen Free Plastic Parts Product

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant with Exemptions

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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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