

# 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**

## 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	Flag (green) for presence of auxiliary contacts
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 0.002...0.1 in <sup>2</sup> (1.5...70 mm <sup>2</sup> ) AWG 14...AWG 2/0, solid copper 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) 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	UL 489 CSA C22.2 No 5
Product Certifications	CSA UL
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 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

Category	US101101124
Discount Schedule	0111
GTIN	3606481328335
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.30 in (10.922 cm)
Package 1 Width	6.60 in (16.764 cm)
Package 1 Length	8.80 in (22.352 cm)
Package weight(Lbs)	3.821 lb(US) (1.733 kg)



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

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Not compliant
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

## Use Again

### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No