

Product data sheet

Specifications



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

BV4T025J

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	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 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 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 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

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

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)
Height	6.38 in (162 mm)
Width	3.19 in (81 mm)
Depth	4.57 in (116 mm)
Net Weight	3.31 lb(US) (1.5 kg)
Quantity Per Set	1
Color	Gray RAL 7016)

Environment

Standards	UL 489 CSA C22.2 No 5
Product Certifications	UL CSA
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

Category	01124-TESYS BV4 MOTOR CIRCUIT PROTECTORS
Discount Schedule	I11
Gtin	3606481328403
Returnability	Yes
Country Of Origin	MX

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-CO₂ 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

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

✓ Halogen Free Plastic Parts Product

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

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

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