Product data sheet

Specifications

Green Premium™

Discontinued

Motor Circuit Protector, TeSys BV4, standard fault, 2A, 600Y/347 VAC, 12 to 28 instantaneous trip, up to 100kA SCCR

BV4T002D

Discontinued on: Sep 15, 2023

To be end-of-service on: Dec 31, 2024

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	2 A 104 °F (40 °C)
Magnetic Setting Range	12…28 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 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	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)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical Connection	2 EverLink BTR screw connectors 0.00…0.11 in² (1.5…70 mm²) AWG 14...AWG 2/0), solid copper 2 EverLink BTR screw connectors 0.00…0.08 in² (1.5…50 mm²) AWG 6...AWG 1/0), flexible copper
Tightening Torque	44.25 lbf.in (5 N.m) 0.02 in² (10 mm²) (AWG 8) 79.66 lbf.in (9 N.m) 0.02 in² (16 mm²) (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	CSA C22.2 No 5 UL 489
Product Certifications	UL 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 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	US10I1101124
Discount Schedule	0I11
Gtin	3606481328304
Returnability	Yes
Country Of Origin	MX

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.70 in (17.02 cm)
Package 1 Width	4.30 in (10.92 cm)
Package 1 Length	8.80 in (22.35 cm)
Package 1 Weight	3.92 lb(US) (1.78 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_2 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 >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	
Halogen Free Plastic Parts Product	

Certifications & Standards

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.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information