Product data sheet

Specifications



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

BV4T002J

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	High performance
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	35 mm symmetrical DIN rail 75 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	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 in² (1.5…70 mm²) 14 AWG...2/0 AWG), solid copper 2 EverLink BTR screw connectors 0.002…0.08 in² (1.5…50 mm²) 6 AWG...1/0 AWG), flexible copper
Tightening torque	44.3 lbf.in (5 N.m) 0.02 in² (10 mm²) (8 AWG) 79.7 lbf.in (9 N.m) 0.02 in² (16 mm²) (6 AWG)

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

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	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	3606481328373
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	3.92 lb(US) (1.78 kg)

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

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	1b259a2c-3a3c-401a-acdd-f0837efd4018
EU RoHS Directive	Compliant By Exemption
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No