

Product data sheet

Specifications



Motor Circuit Protector, TeSys BV4, high fault, 7A, 600Y/347 VAC, 42 to 98 instantaneous trip, up to 100kA SCCR

BV4T007J

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	7 A 104 °F (40 °C)
Magnetic setting range	42...98 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 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 in ² (1.5...70 mm ²) AWG 14...AWG 2/0, solid copper 2 EverLink BTR screw connectors 0.002...0.08 in ² (1.5...50 mm ²) AWG 6...AWG 1/0, flexible copper
Tightening torque	44.3 lbf.in (5 N.m) 0.02 in ² (10 mm ²) (AWG 8) 79.7 lbf.in (9 N.m) 0.02 in ² (16 mm ²) (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	CSA C22.2 No 5 UL 489
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	3606489503666
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.20 in (10.668 cm)
Package 1 Width	6.60 in (16.764 cm)
Package 1 Length	8.80 in (22.352 cm)
Package weight(Lbs)	3.920 lb(US) (1.778 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	Compliant with Exemptions
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