

Product data sheet

Specifications



Motor Circuit Protector, TeSys BV4, standard fault, 115A, 600Y/347 VAC, 600 to 1150 instantaneous trip, up to 100kA SCCR

BV4T115D

! Discontinued

! Discontinued on: Aug 9, 2024

**Product availability: Non-Stock - Not 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	115 A 104 °F (40 °C)
Magnetic setting range	600...1150 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	10000 cycles AC-3 440 V In/2 5000 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

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

Tightening torque	44.3 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)
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	US10I1101124
Discount Schedule	0111
GTIN	3606481328366
Returnability	Yes

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	4.40 in (11.18 cm)
Package 1 Length	8.80 in (22.35 cm)
Package weight(Lbs)	3.84 lb(US) (1.74 kg)

Contractual warranty

Warranty (in months)	18
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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

[EU RoHS Directive](#)

Compliant

Halogen content performance

Halogen free plastic parts product

PVC free

Yes

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)