

# Product data sheet

Specifications



## TeSys BV4 - Inst. Trip Motor Circuit Breaker - 12.5A 3P - EverLink - Std. Fault

BV4T012D

⚠ Discontinued on: Jan 8, 2021

⚠ Discontinued

### 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	12.5 A 104 °F (40 °C)
Magnetic setting range	75...175 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 <sup>2</sup> (1.5...70 mm <sup>2</sup> ) AWG 14...AWG 2/0), solid copper 2 EverLink BTR screw connectors 0.002...0.08 in <sup>2</sup> (1.5...50 mm <sup>2</sup> ) AWG 6...AWG 1/0), flexible copper
Tightening torque	44.3 lbf.in (5 N.m) 0.02 in <sup>2</sup> (10 mm <sup>2</sup> ) (AWG 8) 79.7 lbf.in (9 N.m) 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) (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)
Product 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	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	01124-TESYS BV4 MOTOR CIRCUIT PROTECTORS
Discount Schedule	I11
GTIN	03606481328320
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

## 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

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](#)