

Product data sheet

Characteristics

BV4T050D

Motor Circuit Protector, TeSys BV4, standard fault, 50A, 600Y/347 VAC, 176 to 650 instantaneous trip, up to 100kA SCCR

Product availability : Stock - Normally stocked in distribution facility



Price* : 400.00 USD



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	50 A at 40 °C
Magnetic setting range	176...650 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	20000 cycles AC-3 440 V In/2 10000 cycles AC-3 440 V In
Local signalling	Presence of auxiliary contacts flag green)

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

Dec 10, 2020

Number of slots	1 slot(s) for alarm switch for fault signalling contact, plug-in 1 slot(s) for voltage release for electrical remote tripping, plug-in 1 slot(s) for auxiliary switch for open/close contact, plug-in
Connection pitch	1.06 in (27 mm)
Electrical Connection	2 EverLink BTR screw connectors 0.00...0.11 in ² (1.5...70 mm ²) AWG 14...AWG 2/0, solid copper 2 EverLink BTR screw connectors 0.00...0.08 in ² (1.5...50 mm ²) AWG 6...AWG 1/0, flexible copper
Tightening torque	44.25 lbf.in (5 N.m) 0.02 in ² (10 mm ²) AWG 8) 79.66 lbf.in (9 N.m) 0.02 in ² (16 mm ²) 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 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Mechanical robustness	Vibrations: +/- 1 mm 2...13.2 Hz conforming to IEC 60068-2-6 Vibrations: 0.7 gn 13.2...100 Hz conforming to IEC 60068-2-6 Shocks: 15 gn 11 ms conforming to 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	03606481328342
Package weight(Lbs)	3.4 lb(US) (1.54 kg)
Returnability	Yes
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes
Halogen content performance	Halogen free plastic parts product