Product data sheet
Characteristics

BV4T050J
Motor Circuit Protector, TeSys BV4, high fault, 50A, 600Y/347 VAC, 176 to 650 instantaneous trip, up to 100kA SCCR

Green Premium

Product availability: Stock - Normally stocked in distribution facility

Price*: 500.00 USD

Main

Range	TeSys
Product name	TeSys BV4
Device short name	BV4
Product or Component Type	Motor Circuit Protector
Device Application	Motor
Performance level	High performance
Poles description	3P
Utilisation category	Category A
Trip unit technology	Magnetic
Protection Type	Short-circuit
Line Rated Current	50 A 104 °F (40 °C)
Trip unit rating	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 clips By screws
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	For presence of auxiliary contacts flag (green)
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)
Connections - terminals	2 EverLink BTR screw connectors 0.00…0.11 in² (1.5…70 m-m²) AWG 14...AWG 2/0), solid copper 2 EverLink BTR screw connectors 0.00…0.08 in² (1.5…50 m-m²) AWG 6...AWG 1/0), flexible copper
Tightening torque	44.25 Lbf.In (5 N.m) 0.02 in² (10 mm²) (AWG 8) 79.66 Lbf.In (9 N.m) 0.02 in² (16 mm²) (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)

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Environment

Standards	UL 489 CSA C22.2 No 5
Product Certifications	CSA[RETURN]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	3606481328410
Returnability	Yes
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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

Product Life Status : Commercialised