

Product Datasheet

Characteristic

GVAD1001

TeSys GV2 & GV3 - auxiliary contact - 1
NC + 1 NO (fault)



Main

range	TeSys
device short name	GVAD
product or component type	auxiliary contact block
product compatibility	GV2L GV2LE GV2ME GV2P GV2RT GV3L GV3P
auxiliary contacts operation	fault signal 1 NO
pole contact composition	1 NO + 1 NC
connections - terminals	screw clamp terminals 1 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: solid screw clamp terminals 2 cable 0...0 in ² (1...2.5 mm ²) - cable stiffness: solid screw clamp terminals 1 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: flexible - without cable end screw clamp terminals 2 cable 0...0 in ² (0.75...2.5 mm ²) - cable stiffness: flexible - without cable end screw clamp terminals 2 cable 0...0 in ² (0.75...1.5 mm ²) - cable stiffness: flexible - with cable end screw clamp terminals 1 cable 0...0 in ² (0.75...1.5 mm ²) - cable stiffness: flexible - with cable end

Complementary

mounting location	left side
[Ui] rated insulation voltage	690 V - conforming to IEC 60947-1 300 V - conforming to UL 508 300 V - conforming to CSA C22.2 No 14
System Voltage	48...690 V AC 24...240 V DC
[Ith] conventional free air thermal current	6 A 2.5 A fault signalling
protection type	GB2CB... circuit breaker rating according to operational current for Ue <= 415 V gG fuse <= 10 A
mechanical durability	100000 cycles
minimum switching current	5 mA
minimum switching voltage	17 V

rated operational power in VA	300 VA at 48 V AC-15 - electrical durability: 100000 cycles 400 VA at 690 V AC-15 - electrical durability: 100000 cycles 500 VA at 110...127 V AC-15 - electrical durability: 100000 cycles 500 VA at 500 V AC-15 - electrical durability: 100000 cycles 650 VA at 440 V AC-15 - electrical durability: 100000 cycles 720 VA at 230...240 V AC-15 - electrical durability: 100000 cycles 850 VA at 380...415 V AC-15 - electrical durability: 100000 cycles 36 VA at 24 V AC-14 - electrical durability: 1000 cycles 48 VA at 48 V AC-14 - electrical durability: 1000 cycles 72 VA at 110...127 V AC-14 - electrical durability: 1000 cycles
rated operational power in W	120 W at 240 V DC-13 - electrical durability: 100000 cycles 140 W at 110 V DC-13 - electrical durability: 100000 cycles 140 W at 24 V DC-13 - electrical durability: 100000 cycles 180 W at 60 V DC-13 - electrical durability: 100000 cycles 240 W at 48 V DC-13 - electrical durability: 100000 cycles 15 W at 48 V DC-13 - electrical durability: 1000 cycles 24 W at 24 V DC-13 - electrical durability: 1000 cycles 9 W at 60 V DC-13 - electrical durability: 1000 cycles
tightening torque	<= 12.39 lbf.in (1.4 N.m) - on screw clamp terminals
height	3.5 in (89 mm)
width	0.37 in (9.3 mm)
depth	2.6 in (66 mm)
product weight	0.12 lb(US) (0.055 kg)

Environment

environmental characteristic	normal environment
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Contractual warranty

Warranty period	18 months
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