# **Product datasheet** Characteristics

GVAED011 TeSys GV3 - auxiliary contact block - 1 NO + 1 NC



#### Main

Main		
Range	TeSys	
Device short name	GVAED	
Product or component type	Auxiliary contact block	
Product compatibility	GV3P	
	GV3L	
Auxiliary contacts operation	Fault signal 1 NO	
Pole contact composition	1 NO + 1 NC	
Connections - terminals	Screw clamp terminals 1 cable 0.752.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end	
	Screw clamp terminals 2 cable 0.752.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end	
	Screw clamp terminals 2 cable 0.751.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.751.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end	
	Screw clamp terminals 1 cable 0.751.5 mm <sup>2</sup> - cable stiffness: nexible - with cable end Screw clamp terminals 1 cable 12.5 mm <sup>2</sup> - cable stiffness: solid	
	Screw clamp terminals 2 cable 12.5 mm <sup>2</sup> - cable stiffness: solid	
Complementary Mounting location	Front side	
Mounting location		
	Front side 600 V - conforming to UL 508 690 V - conforming to IEC 60947-1	
Mounting location	600 V - conforming to UL 508	
Mounting location [Ui] rated insulation voltage	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14 24240 V AC	
Mounting location	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14 24240 V AC	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14 24240 V AC 2460 V DC	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current Protection type	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14 24240 V AC 2460 V DC 2.5 A GB2CB circuit breaker rating according to operational current for Ue <= 415 V	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current Protection type Mechanical durability	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14 24240 V AC 2460 V DC 2.5 A GB2CB circuit breaker rating according to operational current for Ue <= 415 V GG fuse <= 10 A	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal	600 V - conforming to UL 508         690 V - conforming to IEC 60947-1         600 V - conforming to CSA C22.2 No 14         24240 V AC         2460 V DC         2.5 A         GB2CB circuit breaker rating according to operational current for Ue <= 415 V	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current Protection type Mechanical durability Minimum switching current Minimum switching voltage	600 V - conforming to UL 508         690 V - conforming to IEC 60947-1         600 V - conforming to CSA C22.2 No 14         24240 V AC         2460 V DC         2.5 A         GB2CB circuit breaker rating according to operational current for Ue <= 415 V	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current Protection type Mechanical durability Minimum switching current Minimum switching voltage	600 V - conforming to UL 508         690 V - conforming to IEC 60947-1         600 V - conforming to CSA C22.2 No 14         24240 V AC         2460 V DC         2.5 A         GB2CB circuit breaker rating according to operational current for Ue <= 415 V	
Mounting location [Ui] rated insulation voltage [Ue] rated operational voltage [Ith] conventional free air thermal current Protection type Mechanical durability Minimum switching current	600 V - conforming to UL 508         690 V - conforming to IEC 60947-1         600 V - conforming to CSA C22.2 No 14         24240 V AC         2460 V DC         2.5 A         GB2CB circuit breaker rating according to operational current for Ue <= 415 V	

## Complementary

Mounting location	Front side	,
[Ui] rated insulation voltage	600 V - conforming to UL 508 690 V - conforming to IEC 60947-1 600 V - conforming to CSA C22.2 No 14	
[Ue] rated operational voltage	24240 V AC 2460 V DC	
[Ith] conventional free air thermal current	2.5 A	1
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 110127 V AC-15 - electrical durability: 100000 cycles 500 VA at 500 V AC-15 - electrical durability: 100000 cycles	F

	650 VA at 440 V AC-15 - electrical durability: 100000 cycles 720 VA at 230240 V AC-15 - electrical durability: 100000 cycles 850 VA at 380415 V AC-15 - electrical durability: 100000 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
Tightening torque	<= 1.4 N.m - on screw clamp terminals
Height	89 mm
Width	9.3 mm
Depth	66 mm
Product weight	0.05 kg

## Environment

Environmental characteristic	Normal environment		
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### Contractual warranty

Warranty period

18 months