GV3P25

TeSys GV3 - Circuit breaker - thermalmagnetic - 17...25A - EverLink BTR connectors



Main TeSvs GV3 Range of product GV3P Device short name Product or component Circuit breaker type Circuit breaker applica-Motor protection Poles description 3P AC Network type Utilisation category AC-3 conforming to IEC 60947-4-1 Category A conforming to IEC 60947-2 Network frequency 50/60 Hz conforming to IEC 60947-4-1 Breaking capacity Icu = 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 6 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 100 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 12 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 V AC 50/60 Hz conforming to IEC [lcs] rated service 60947-2 short-circuit breaking 100 % at 440 V AC 50/60 Hz conforming to IEC capacity 60947-2 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 Thermal protection ad-17...25 A justment range Trip unit technology Thermal-magnetic

350 A

Complementary

Complementary	_
Mounting mode	By clips
	By screws
Mounting support	Plate
	Rail
Mounting position	Horizontal
	Vertical
Motor power kW	11 kW at 400/415 V AC 50/60 Hz
	15 kW at 500 V AC 50/60 Hz
	18.5 kW at 690 V AC 50/60 Hz
Control type	Rotary knob
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	2 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Power dissipation per pole	8 W
Mechanical durability	50000 cycles
Electrical durability	50000 cycles for AC-3 at 440 V In
Operating rate	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1

Magnetic tripping cur-

rent

ce of the products contained herein.
ducts for specific user applications.
products with respect to the relevant specific application or use thereof, information contained herein. technical characteristics of the performance of tramining studbilly or felability of these products; risk analysis, evaluation and testing of the produl the responsible or liable for misuse of the infort. ains general descriptions and/or to rand is not to be used for deterrenthe appropriate and complete rifts affiliates or subsidiaries shall The information provided in this documentation contains. This documentation is not intended as a substitute for an It is the duty of any such user or integrator to perform the Neither Schneider Electric Industries SAS nor any of its s.

Connections - terminals	EverLink BTR screw connectors 2 cable(s) 125 mm² - cable stiffness : solid EverLink BTR screw connectors 2 cable(s) 125 mm² - cable stiffness : flexible - without cable end EverLink BTR screw connectors 2 cable(s) 125 mm² - cable stiffness : flexible - with cable end
Tightening torque	5 N.m - on EverLink BTR screw connectors- cable 25 mm ² 58 N.m - on EverLink BTR screw connectors- cable 35 mm ²
Mechanical robustness	Shocks closed 15 Gn for 11 ms conforming to IEC 60068-2-27 Shocks opened 30 Gn for 11 ms conforming to IEC 60068-2-27 Vibrations 4 Gn, 5300 Hz conforming to IEC 60068-2-6
Suitability for isolation	Yes conforming to IEC 60947-1
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Height	132 mm
Width	55 mm
Depth	136 mm
Product weight	0.96 kg
	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-4-1 UL 508 type E
Product certifications	ATEX BV CCC CSA DNV GL GOST LROS (pending) RINA UL
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK09
Ambient air temperature for operation	-2060 °C
Ambient air temperature for storage	-4080 °C
Fire resistance	960 °C conforming to IEC 60695-2-1



3000 m

Operating altitude