



Principal

Gama	TeSys
Product name	TeSys GV3
Device short name	GV3P
Tipo de producto o componente	Circuit breaker
Aplicación de dispositivo	Motor
Trip unit technology	Thermal-magnetic

Complementos

Poles description	3P
Tipo de red	AC
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
Mounting mode	By screws By clips
Mounting support	Plate Rail
Mounting position	Vertical Horizontal
Motor power kW	45 kW a 500 V AC 50/60 Hz 55 kW at 690 V AC 50/60 Hz 30 kW at 400/415 V AC 50/60 Hz
Breaking capacity	50 kA Icu at 440 V AC 50/60 Hz conforme a IEC 60947-2 100 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 12 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % a 230/240 V AC 50/60 Hz conforme a IEC 60947-2 100 % a 440 V AC 50/60 Hz conforme a IEC 60947-2 50 % a 500 V AC 50/60 Hz conforme a IEC 60947-2 50 % a 690 V AC 50/60 Hz conforme a IEC 60947-2 100 % a 400/415 V AC 50/60 Hz conforme a IEC 60947-2
Control type	Rotary knob
[In] rated current	48...65 A
Trip unit rating	48...65 A
Magnetic tripping current	910 A
[Ue] tensión de funcionamiento nominal	690 V AC 50/60 Hz conforme a IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	65 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 Ciclos
Durabilidad eléctrica	50000 Ciclos para AC-3 a 440 V In
Operating rate	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1

Conexiones - terminales	EverLink BTR screw connectors 2 cable(s) 1...25 mm ² - cable stiffness : solid EverLink BTR screw connectors 2 cable(s) 1...25 mm ² - cable stiffness : flexible - without cable end EverLink BTR screw connectors 2 cable(s) 1...25 mm ² - cable stiffness : flexible - with cable end
Tightening torque	8 N.m - on EverLink BTR screw connectors- cable 35 mm ² 5 N.m - on EverLink BTR screw connectors- cable 25 mm ²
Suitability for isolation	Yes conforming to IEC 60947-1
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Altura	132 mm
Anchura	55 mm
Profundidad	136 mm
Peso del producto	0.96 kg

Ambiente

Normas	EN/IEC 60947-4-1 UL 508 type E EN/IEC 60947-2 EN/IEC 60947-1 CSA C22.2 No 14-05 type E
Certificaciones de producto	UL RINA ATEX CCC LROS (pending) CSA DNV GL EAC BV
Protective treatment	TH
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK09
Ambient air temperature for operation	-20...60 °C
Temperatura ambiente de almacenamiento	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Operating altitude	3000 m

Garantía contractual

Warranty period	18 months
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