Product data sheet Characteristics

GV7RE25

TeSys GV7 - circuit breaker - 3P - AC-3 - 15...25 A - thermal-magnetic

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 626.00 USD



Main Commercial Status Commercialised Range TeSys Product name TeSys GV7 GV7R Device short name Product or component Circuit breaker type Device application Motor Poles description 3P AC Network type Utilisation category AC-3 conforming to IEC 60947-4-1 Network frequency 50/60 Hz conforming to IEC 60947-4-1 85 kA Icu at 230...240 V AC 50/60 Hz conforming to IEC Breaking capacity 60947-2 8 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 18 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 [lcs] rated service 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 short-circuit breaking capacity 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230...240 V AC 50/60 Hz conforming to IEC

60947-2

15...25 A (-25...70 °C)

Thermal-magnetic

Complementary

Complementary	
Mounting mode	By clips By screws
Mounting support	Flush Panel mounting Rail Kit for fixing the switchgear
Mounting position	Vertical
Motor power kW	18.5 kW at 660/690 V AC 50/60 Hz 15 kW at 500 V AC 50/60 Hz 11 kW at 400/415 V AC 50/60 Hz 9 kW at 400/415 V AC 50/60 Hz 15 kW at 660/690 V AC 50/60 Hz 11 kW at 500 V AC 50/60 Hz
Control type	Rocker lever
System Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	12100 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Power dissipation	5 W

Trip unit rating

Trip unit technology

ins general descriptions and/or technical characteristics of the performance of the products contained herein.

and is not to be used for determining suitability or trainbility of these products for specific user applications.

the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof, the affiliates or subsidiaries shall be responsible or liable for misuses of the information contained herein. *Prices are indicative The information provided in this documentation contair in a coumentation is only intended as a substitute for it is the duty of any such user or integrator to perform I weither Schneider Electric Industries SAS nor any of it

Power dissipation per pole	5 W	
Mechanical durability	50000 cycles	
Electrical durability	50000 cycles AC-3 at 440 V In/2 30000 cycles AC-3 at 440 V In	
Operating rate	25 cyc/h	
Rated duty	Continuous conforming to IEC 60947-4-1	
Connection pitch	1.77 in (45 mm) with spreaders 1.38 in (35 mm) without spreaders	
Connections - terminals	Bare cable connectors 1.595 mm² Screw Cable with lug - external diameter : 10 mm Bars	
Tightening torque	15 N.m - on bare cable connectors- cable 1.595 mm ² 10 N.m - on screw - screw M6	
Mechanical robustness	Vibrations 2.5 Gn, 025 Hz conforming to IEC 60068-2-6 Shocks 15 Gn for 11 ms conforming to IEC 60068-2-27	
Suitability for isolation	Yes conforming to IEC 60947-1	
Phase failure sensitivity	Yes conforming to IEC 60947-4-1 § 7-2-1-5-2	
Height	4.92 in (125 mm)	
Width	4.13 in (105 mm)	
Depth	4.37 in (111 mm)	
Product weight	4.43 lb(US) (2.01 kg)	

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-4-1 NF C 63-120 NF C 63-650	
	NF C 79-130	
	VDE 0113	
	VDE 0660	
Product certifications	CCC DNV UL	
Protective treatment	TC	
IP degree of protection	IP405 with terminal shrouds conforming to IEC 60529	
Pollution degree	3	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient air temperature for storage	-67203 °F (-5595 °C)	
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1	
Operating altitude	6561.68 ft (2000 m)	

Ordering and shipping details

22366 - MAN STR PROTECTORS-GV1/GV3
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00785901957355
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Non-Stock - Not normally stocked in distribution facility
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Contractual warranty

Warranty period	18 months