

# GV7RE220

TeSys GV7 Manual Starter and Protector, thermal magnetic circuit protector, rocker lever, 3 P, AC-3, 132...220 A

Product availability : Stock - Normally stocked in distribution facility

Price\* : 753.00 USD



## Main

Range	TeSys
Product name	TeSys GV7
Device short name	GV7R
Device application	Motor
Poles description	3P
Network type	AC
Utilisation category	AC-3 conforming to IEC 60947-4-1
Network frequency	50/60 Hz conforming to IEC 60947-4-1
Breaking capacity	8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 500 V AC 50/60 Hz conforming to IEC 60947-2
Thermal protection adjustment range	132...220 A
Trip unit technology	Thermal-magnetic

## Complementary

Mounting mode	By screws By clips
Mounting support	Flush Panel mounting Kit for fixing the switchgear Rail
Mounting position	Vertical
Motor power kW	110 kW at 400...415 V AC 50/60 Hz 110 kW at 500 V AC 50/60 Hz 132 kW at 500 V AC 50/60 Hz 160 kW at 500 V AC 50/60 Hz 160 kW at 660...690 V AC 50/60 Hz

	200 kW at 660...690 V AC 50/60 Hz 90 kW at 400...415 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	220 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Power dissipation per pole	14.5 W
Power dissipation per pole	14.5 W
Mechanical durability	20000 cycles
Electrical durability	10000 cycles AC-3 at 440 V In 20000 cycles AC-3 at 440 V In/2
Operating rate	25 cyc/h
Rated duty	Continuous conforming to IEC 60947-4-1
Connection pitch	1.38 in (35 mm) without spreaders 1.77 in (45 mm) with spreaders
Connections - terminals	Bars Cable with lug - external diameter : 10 mm Bare cable connectors 1.5...185 mm <sup>2</sup> Screw
Tightening torque	10 N.m - on screw - screw M6 15 N.m - on bare cable connectors- cable 1.5...185 mm <sup>2</sup>
Mechanical robustness	Shocks 15 Gn for 11 ms conforming to IEC 60068-2-27 Vibrations 2.5 Gn, 0...25 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 § 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	5.18 lb(US) (2.35 kg)

## Environment

Standards	EN/IEC 60947-1 VDE 0113 NF C 79-130 NF C 63-650 EN/IEC 60947-2 EN/IEC 60947-4-1 VDE 0660 NF C 63-120
Product certifications	UL DNV
Protective treatment	TC
IP degree of protection	IP405 with terminal shrouds conforming to IEC 60529
Pollution degree	3
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-67...203 °F (-55...95 °C)
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-1
Operating altitude	6561.68 ft (2000 m)

## Ordering and shipping details

Category	22366 - MAN STR PROTECTORS-GV1/GV3
Discount Schedule	I11
GTIN	00785901566885
Nbr. of units in pkg.	1
Package weight(Lbs)	4.6900000000000004

Returnability	Y
Country of origin	CN

### Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

### Contractual warranty

Warranty period	18 months
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