



Commercial status

End-of-Sale Notice :

 End-of-Sale Notice

Main

Range	TeSys
Product name	TeSys GV3
Device short name	GV3ME
Device application	Motor
Trip unit technology	Thermal-magnetic

Complementary

Poles description	3P
Network type	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
Fixing mode	35 mm symmetrical DIN rail: clipped Panel: screwed (with 2 x M4 screws)
Operating position	Any position
Motor power kW	37 KW at 400/415 V AC 50/60 Hz 55 KW at 690 V AC 50/60 Hz 45 KW at 500 V AC 50/60 Hz
Breaking capacity	100 KA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 15 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 4 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 2 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 60 % at 440 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
[In] rated current	80 A
Trip unit rating	56...80 A
Magnetic tripping current	1040 A
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ith] conventional free air thermal current	80 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	IEC 60947-2 6 kV
Power dissipation per pole	8 W
Mechanical durability	30000 Cycles
Electrical durability	30000 Cycles for AC-3 at 440 V
Maximum operating rate	25 Cyc/H

Rated duty	Continuous conforming to IEC 60947-4-1
Connections - terminals	Screw clamp terminals 1 cable(s) 2.5...35 mm ² solid Screw clamp terminals 1 cable(s) 2.5...16 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 2.5...16 mm ² flexible with cable end
Tightening torque	5 N.M on screw clamp terminals
Phase failure sensitivity	Yes conforming to IEC 60947-4-1
Height	120 Mm
Width	61.2 Mm
Depth	113 Mm
Net weight	0.7 Kg

Environment

Standards	EN/IEC 60947-2 EN/IEC 60947-4-1 CSA C22.2 No 60947-4-1 UL 60947-4-1
Product certifications	UL CSA LROS (Lloyds register of shipping)
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK04
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Operating altitude	3000 m

Packing Units

Package 1 Weight	0.721 Kg
Package 1 Height	0.700 Dm
Package 1 width	1.330 Dm
Package 1 Length	1.250 Dm

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status : **End of commercialisation**

GV3ME80 may be replaced by any of the following products:



GV3P65

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jan 2017 | 48-65a; No offer above 65A



GV3P73

Qty 1

Reason for Substitution: End of life | Substitution date: 15 Apr 2019 |



GV3P73

Qty 1

Reason for Substitution: End of life | Substitution date: 15 Apr 2019 |



GV3P73

Qty 1

Reason for Substitution: End of life | Substitution date: 15 Apr 2019 |



GV3P73

Qty 1

Reason for Substitution: End of life | Substitution date: 15 Apr 2019 |



GV3P73

Qty 1

Reason for Substitution: End of life | Substitution date: 08 Oct 2019 |



GV3P65

Qty 1

Reason for Substitution: End of life | Substitution date: 29 Nov 2019 |
