



## Commercial status

End-of-Sale Notice :

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## 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	50 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % at 440 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 220/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit rating	25...40 A
Trip unit technology	Thermal-magnetic

## Complementary

Mounting mode	By screws By clips
Mounting support	Panel mounting Flush Rail Kit for fixing the switchgear
Mounting position	Vertical
Motor power kW	22 KW at 660...690 V AC 50/60 Hz 18.5 KW at 400...415 V AC 50/60 Hz 18.5 KW at 500 V AC 50/60 Hz
Control type	Rocker lever
[Ue] rated operational 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	40 A conforming to IEC 60947-4-1
[Uimp] rated impulse withstand voltage	8 KV IEC 60947-2
Power dissipation	5 W
Power dissipation per pole	5 W
Mechanical durability	50000 Cycles

Electrical durability	30000 Cycles for AC-3 at 440 V In 50000 Cycles for AC-3 at 440 V In/2
Maximum operating rate	25 Cyc/H
Rated duty	Continuous conforming to IEC 60947-4-1
Connection pitch	35 Mm without spreaders 45 Mm with spreaders
Connections - terminals	Bars Cable with lug - external diameter: 10 mm Screw Bare cable connectors 1.5...95 mm <sup>2</sup>
Tightening torque	10 N.M on screw M6 screw type 15 N.M on bare cable connectors for cable 1.5...95 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	161 Mm
Width	105 Mm
Depth	111 Mm
Net weight	2.01 Kg


## Environment

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

## Packing Units

Package 1 Weight	1.913 Kg
Package 1 Height	14.000 Cm
Package 1 width	11.500 Cm
Package 1 Length	17.500 Cm

## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

GV7RS40 may be replaced by any of the following products:



**GV4PE50S**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

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



**GV4PEM50S**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic multifunction, Everlink terminals

Qty 1

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



**GV4P50N**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 50kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4P50N6**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 50kA, thermal magnetic, lugs terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4PE50N**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 50kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4PE50N6**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 50kA, thermal magnetic, lugs terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4PE50S**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4PE50S6**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, lugs terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Mar 2019 |



**GV4PE50S**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

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



**GV4PE50S**

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

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



### GV4PE50S

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

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

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### GV4PE50S

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

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

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### GV4PE50N

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 50kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2019 |

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### GV4PE50S

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2019 |

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### GV4PB50S

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic multifunction, UL489

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Aug 2019 | (Ref #) is replaced by (New Ref #)

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### GV4PE50S

Motor circuit breaker, TeSys GV4, 3P, 50A, Icu 100kA, thermal magnetic, Everlink terminals

Qty 1

Reason for Substitution: End of life | Substitution date: 11 Aug 2020 | Global group 1

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