



Price* : 29.88 GBP



Main

Range	TeSys
Product name	TeSys GF
Product or component type	Impulse relay
Device short name	GF16
Utilisation category	AC-1
Poles description	2P
Pole contact composition	1 NO + 1 NC
[Ie] rated operational current	16 A AC-1
[Ue] rated operational voltage	250 V AC 50/60 Hz
Permissible short-time rating	320 A (<= 40 °C) - short time current duration: 1 s 48 A (<= 40 °C) - short time current duration: 30 s 96 A (<= 40 °C) - short time current duration: 10 s
Operating position	+/- 90° to vertical plane
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	110 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail

Complementary

[Ith] conventional free air thermal current	16 A at <= 50 °C
Average impedance	4 mOhm at 50 Hz - Ith 16 A
[Ui] rated insulation voltage	400 V - conforming to IEC 60947-5-1 400 V - conforming to VDE 0110
[Uimp] rated impulse withstand voltage	4 kV in enclosure
Connections - terminals	Control circuit : screw clamp terminals 1 cable 1.5 mm ² - cable stiffness: solid - without cable end Control circuit : screw clamp terminals 1 cable 2.5 mm ² - cable stiffness: flexible - with cable end Control circuit : screw clamp terminals 1 cable 2.5 mm ² - cable stiffness: flexible - without cable end Control circuit : screw clamp terminals 2 cable 1.5 mm ² - cable stiffness: flexible - with cable end

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Control circuit : screw clamp terminals 2 cable 1.5 mm² - cable stiffness: solid - without cable end
 Control circuit : screw clamp terminals 2 cable 2.5 mm² - cable stiffness: flexible - without cable end
 Power circuit : screw clamp terminals 1 cable 0.5...6 mm² - cable stiffness: flexible - with cable end
 Power circuit : screw clamp terminals 1 cable 0.5...6 mm² - cable stiffness: flexible - without cable end
 Power circuit : screw clamp terminals 2 cable 0.5...4 mm² - cable stiffness: flexible - with cable end
 Power circuit : screw clamp terminals 2 cable 0.5...4 mm² - cable stiffness: flexible - without cable end
 Power circuit : screw clamp terminals 2 cable 0.5...4 mm² - cable stiffness: solid - without cable end

Tightening torque	Control circuit : 0.8 N.m - on screw clamp terminals Power circuit : 0.8 N.m - on screw clamp terminals
Operating time	70 ms closing 70 ms opening
Operating rate	<= 900 cyc/h
Control circuit voltage limits	0.85...1.1 Uc at <= 50 °C 50/60 Hz
Impulse duration	>= 70 ms
Average consumption	19 VA for AC network 50 Hz at Uc at 20 °C
Power dissipation per pole	1 W
Mechanical durability	1 Mcycles
Electrical durability	100000 cycles on AC-22 200000 cycles on AC-21
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	64 mm
Product weight	0.11 kg
Quantity per set	Set of 12

Environment

Standards	IEC 60669-1 IEC 60669-2 NF C 61-112
IP degree of protection	IP20 conforming to VDE 0106 IP40 in enclosure conforming to VDE 0106
Protective treatment	TC
Ambient air temperature for operation	-20...50 °C
Ambient air temperature for storage	-40...80 °C
Operating altitude	<= 2000 m without derating
Mechanical robustness	Vibrations contactor open 4 Gn, 5...300 Hz Vibrations contactor closed 4 Gn, 5...300 Hz

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0633 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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