

TeSys GY - modular dual tariff contactor - 40 A - 2 NO - coil 220...240 V AC

GY4020M5

! Discontinued on: 9 Feb 2023

! Discontinued

EAN Code: 3389110642681

Main

Range	TeSys	
product name	TeSys GY	
Product or component type	Modular dual tariff contactor	
Device short name	GY40	
Contactor application	Motor control Lighting Heating	

Complementary

Utilisation category	AC-7A
0 3	AC-7B
Poles description	2P
power pole contact composition	2 NO
[Ue] rated operational voltage	<= 250 V AC
[le] rated operational current	40 A AC-7A
[le] rated operational current	15 A AC-7B
	15 A AC-7B
Operating position	30°/vertical
	oo /vortioui
Control circuit type	AC at 50 Hz
[Uc] control circuit voltage	220240 V AC 50 Hz
[Uimp] rated impulse withstand	4 kV
voltage	
[Ith] conventional free air thermal	40 A (at 50 °C) for power circuit
current	
Irms rated making capacity	120 A at 400 V AC for power circuit conforming to IEC 61095
Rated breaking capacity	120 A at 400 V for power circuit conforming to IEC 61095
[lcw] rated short-time withstand	320 A 40 °C - 10 s for power circuit
current	100 A 40 °C - 30 s for power circuit
Associated fuse rating	40 A gL at <= 440 V for power circuit
Average impedance	2 and have like 40 A 50 Hz for normal circuit
Average impedance	2 mOhm - Ith 40 A 50 Hz for power circuit
[Ui] rated insulation voltage	500 V conforming to IEC 61095
[0.] rated medianen verage	500 V conforming to VDE 0110
	300 V comorning to VDE 0110
Electrical durability	AC-7A: 100000 cycles
-	AC-7B: 100000 cycles
Power dissipation per pole	3.2 W
Control type	Remote control

Mounting mode	Clip-on	
Mounting support	DIN rail	
Standards	IEC 61095 IEC 60947-5	
Connections - terminals	Control circuit: screw clamp terminals 1 cable(s) 2.5 mm²flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 2.5 mm²flexible without cable end Control circuit: screw clamp terminals 1 cable(s) 2.5 mm²flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 1.5 mm²flexible with cable end Control circuit: screw clamp terminals 1 cable(s) 1.5 mm²solid without cable end Control circuit: screw clamp terminals 2 cable(s) 1.5 mm²solid without cable end Power circuit: screw clamp terminals 1 cable(s) 25 mm²flexible without cable end Power circuit: screw clamp terminals 2 cable(s) 16 mm²flexible without cable end Power circuit: screw clamp terminals 1 cable(s) 16 mm²flexible with cable end Power circuit: screw clamp terminals 2 cable(s) 4 mm²flexible with cable end Power circuit: screw clamp terminals 1 cable(s) 25 mm²solid without cable end Power circuit: screw clamp terminals 1 cable(s) 26 mm²solid without cable end Power circuit: screw clamp terminals 2 cable(s) 6 mm²solid 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	1025 ms opening 1030 ms closing	
Mechanical durability	1000000 cycles	
Maximum operating rate	300 cyc/h 50 °C	
Control circuit voltage limits	Drop-out: 0.20.75 Uc at 50 Hz (at <50 °C) Operational: 0.851.1 Uc at 50 Hz (at <50 °C)	
Inrush power in VA	34 VA 50 Hz (at 20 °C)	
Hold-in power consumption in VA	4.6 VA 50 Hz (at 20 °C)	
Heat dissipation	1.6 W at 50/60 Hz	

Environment

IP degree of protection	IP40 conforming to VDE 0106 (in enclosure) IP20 conforming to VDE 0106	
Protective treatment	TC	
Ambient air temperature for operation	-550 °C	
Ambient air temperature for storage	-4070 °C	
Operating altitude	<= 3000 m	
Mechanical robustness	Shocks contactor open: 10 Gn for 11 ms Shocks contactor closed: 15 Gn for 11 ms Vibrations contactor open: 2 Gn, 5300 Hz Vibrations contactor closed: 3 Gn, 5300 Hz	
Total number of 18 mm modules	2	
Height	85 mm	
Width	36 mm	
Depth	62.5 mm	
Net weight	0.23 kg	
Quantity per set	Set of 6	
Colour	White	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	8 cm
Package 1 Width	9.5 cm
Package 1 Length	23 cm
Package 1 Weight	227 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	2.9 cm
Package 2 Width	30 cm
Package 2 Length	20 cm
Package 2 Weight	1.42 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	11.968 kg

Logistical informations

Country of origin

FR

Contractual warranty

Warranty

18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Recycled metal content at CR level	0
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	361e1245-bdfb-4c55-bca5-ee0430c46917

Use Again

○ Repack and remanufacture		
Take-back	No	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	