



Product designation			Rotary cam
Product designation			switches
Product type designation			7GN40
General characteristics			OC ON/OFF
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
14 of Glorifolito			U25 - Front
			mounting with
Mounting form			red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		_	
	IEC/EN	Α	40
	UL/CSA	Α	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	40
	15kA	Α	40
	25kA	Α	40
	50kA	A	40
D. I. I. de C.	63kA	Α	40
Rated short time current Icw	4		1000
0 1 0 0	1s	A	1000
Conductivity IFO/FN			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			40
1045		Α	40
AC15	4401	Λ	25
	110V	A	25
	220/230V 380/400V	A	22
	380/400V 660/690V	A	12 2
Rated operational power in AC	000/0907	A	
·			
Three-phase AC-3	220/230V	kW	8
	380/440V	kW	o 15
	500/440V 500/690V	kW	15
Single-phase AC-3	300/0301	IV V V	10
Siligio-pilase AU-S	110V	kW	3
	220/230V	kW	6.5
	380/440V	kW	8
Three-phase AC23A	300/4401	17.0.0	<u> </u>
Tilloo pilase AozoA	220/230V	kW	8
	380/440V	kW	18.5
	500/440V	kW	22
	330,000 V		





	Single-phase AC23A			
	onigio pridoci i tozori	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curi	rent in DC			
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	A	12 (4)
	DC40	2201		14 (7)
	DC13	2.01		40
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features			• • • • • • • • • • • • • • • • • • • •	2.0
				N 4 4
Terminals screw				M4
Tightening torque for t	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	16
		[1111]		
		min Max		
	AMO Florible coble	Max	AWG	8
	AWG - Flexible cable	Max	AWG	8
	AWG - Flexible cable	Max min	AWG	16
	AWG - Flexible cable	Max	AWG	8
	AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min	AWG	16
		Max min Max	AWG AWG	16 10
		Max min Max min	AWG AWG AWG	16 10 1.5
	Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG	16 10
		Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG  mm² mm²  mm²  mm²	8 16 10 1.5 6 1.5
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG  mm² mm²  mm²  mm²	8 16 10 1.5 6 1.5
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG  mm² mm²  mm²  mm²	8 16 10 1.5 6 1.5
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max	AWG AWG AWG  mm² mm²  mm²  mm²	8 16 10 1.5 6 1.5
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG  mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max	AWG AWG AWG  mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max  120V 240V	AWG AWG AWG  mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10°
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V	AWG AWG AWG  mm² mm² cycles  HP HP	16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max  120V 240V	AWG AWG AWG  mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10°
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V	AWG AWG AWG  mm² mm² cycles  HP HP	16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² cycles  HP HP	16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data  Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² cycles  HP HP HP	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data  Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor  for single-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data  Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V  120V 240V	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data  Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor  for single-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG  mm² mm² mm² cycles  HP HP HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20
UL technical data  Motor power for direct	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor  for single-phase motor	Max min Max min Max  min Max  120V 240V 480V 600V  120V 240V	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	16 10 1.5 6 1.5 10 5x10 <sup>6</sup> 5 10 20 20

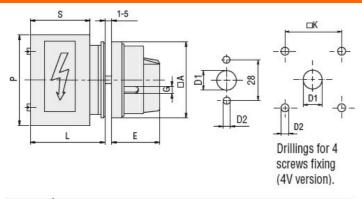


Storage temperature
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min	°C	-40
max	°C	+70

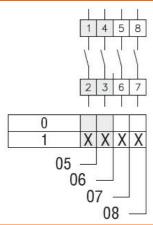
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

#### Dimensions



Series	Dimensions								
Selles	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

# Wiring diagrams



### Certifications and compliance

# Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

### Certificates

cCSAus

EAC

UL

# ETIM classification





ETIM 8.0

EC001029 -Selector switch, complete