



7GN2507U25

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

Description of the second seco			Rotary cam
Product designation			switches
Product type designation  General characteristics			7GN25
Switching diagram			07 - ON/OFF switch 3 poles
N° of elements			2
Mounting form			U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics  Rated insulation voltage Ui			
Nateu Insulation voitage of	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A	25
Rated operational voltage	UL/CSA	A V	30 480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
,	10kA 15kA	A A	25 25
Part Island's a south	25kA	A	25
Rated short time current Icw	1s	kA	400
Conductivity	13	IVA	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	25
AC15			
	110V	Α	16
	220/230V 380/400V	A A	12 8
Part I and the second of the s	660/690V	Α	2
Rated operational power in AC Three-phase AC-3			
Tillee-pilase AC-3	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			_
	110V	kW	1.5
	220/230V	kW	3
Three-phase AC23A	380/440V	kW	5.5
Tillee-pilase AC23A	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A			
	110V	kW	1.5
	220/230V	kW	3.7





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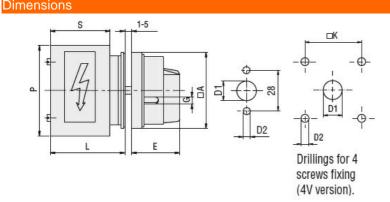
		380/440V	kW	5.5
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)		_	
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
	B040	220V	Α	10 (4)
	DC13	0.41/	Δ.	0.5
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				140.5
Terminals screw				M3.5
Tightening torque for to	erminals max ————————————————————————————————————		Nm	0.8
Conductor size				
	AWG - Rigid cable		_	
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable		_	
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			_
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
	Conductor size (IEC) - Rigid cable	min Max	mm²	4
Mechanical life	Conductor size (IEC) - Rigid cable			
UL technical data			mm²	4
	-on-line control		mm²	4
UL technical data		Max	mm² cycles	5x10 <sup>6</sup>
UL technical data	-on-line control	Max 120V	mm² cycles	4 5x10 <sup>6</sup>
UL technical data	-on-line control	120V 240V	mm² cycles  HP HP	3 5
UL technical data	-on-line control	120V 240V 480V	mm² cycles  HP HP HP	3 5 10
UL technical data	-on-line control for three-phase motor	120V 240V	mm² cycles  HP HP	3 5
UL technical data	-on-line control	120V 240V 480V 600V	mm² cycles  HP HP HP HP	3 5 10 15
UL technical data	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	3 5 10 15
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor  for single-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles  HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor  for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles  HP HP HP HP HP	4 5x10 <sup>6</sup> 3 5 10 15  1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor  for single-phase motor  Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles  HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor  for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles  HP HP HP HP HP C°C	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor  for single-phase motor  Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles  HP HP HP HP HP	4 5x10 <sup>6</sup> 3 5 10 15  1.5 3



**ENERGY AND AUTOMATION** 

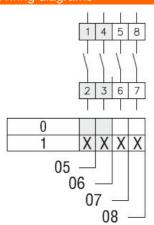
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00



Series	Dimensions								
	□A	D1	D2	Е	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