



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE \emptyset 22MM FIXING

Due divet de sieue etieue				Rotary cam
Product designation				switches
Product type designat				7GN25
General characteristic				51 - Changeover
Switching diagram				switch 1 pole
N° of elements				1
				U12 - Front
				mounting without front plate with
Mounting form				key operation for
				hole diam. 22mm
				fixing
Contact characteristics	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	-		kV	6
Conventional free air the	nermal current Ith	IFO/FAI	٨	25
		IEC/EN UL/CSA	A A	25 30
Rated operational volt	200	UL/CSA		480
			kV	4
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			IX V	
Waxiiiaiii Tago di20 To	oner eneal protection in (ge)	10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time curre	nt lcw			
		1s	Α	400
Conductivity				10/5 mA/V
Operational current le IEC/EN				
	AC1/AC21A		_	
	1045		Α	25
	AC15	440)/	۸	4.0
		110V 220/230V	A A	16 12
		380/400V	A	8
		660/690V	A	2
Rated operational pow	ver in AC	230,000 4	- •	
p	Three-phase 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 ACCCA	380/440V	kW	5.5
	Three-phase AC23A	220/2201/	[-\A/	6.5
		220/230V 380/440V	kW kW	6.5 11
		500/690V	kW	11
	Single-phase AC23A	330/030 V	1 \ V \ V	
	gio pilaso / 1020/1	110V	kW	1.5
			-	





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		000/000/	1347	o =
		220/230V	kW	3.7
Rated operational co	urrent in DC	380/440V	kW	5.5
Nateu operational ci	DC21A			
	DOZIA	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	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				N/0 5
Terminals screw	at a section to the section of the s		N.I	M3.5
Tightening torque fo	r terminals max		Nm	0.8
Conductor size	AWO B: : 1			
	AWG - Rigid cable	•.	414/0	00
		min Mov	AWG	20
	AWG - Flexible cable	Max	AWG	10
	AVVG - Flexible Cable	min	A1A/C	20
		min Max	AWG AWG	20 12
	Conductor size (IEC) - Flexible cable	IVIAA	AVVG	12
	Conductor Size (IEC) - Flexible Cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA		<u> </u>
	Conductor size (IEC) Trigid cable	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			, , , , ,	
Motor power for dire	ect-on-line control			
,	for three-phase motor			
	•	120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature			

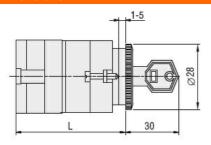


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min	°C	-40
max	°C	+70

	 •	
Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree	 •	IP00

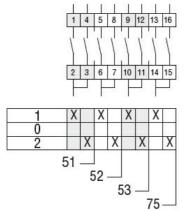
Dimensions





Carias	L			
Series	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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