



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				Rotary cam	
_			switches		
Product type designation General characteristics				7GN25	
Switching diagram				135 - Multi-step 0-1-2 3 poles	
N° of elements				3	
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing	
Contact characteristics					
Rated insulation voltag	e Ui				
		IEC/EN UL/CSA	V V	690 600	
Rated impulse withstand voltage Uimp			kV	6	
Conventional free air th	ermal current Ith				
		IEC/EN	Α	25	
Data dan anational colta		UL/CSA	A	30	
Rated operational volta			V	480	
Rated operational impulse voltage  Maximum fuse size for short-circuit protection In (gG)			kV	4	
Maximum ruse size for	short-circuit protection in (go)	10kA	Α	25	
		15kA	Α	25	
		25kA	Α	25	
Rated short time curre	nt Icw				
		1s	Α	400	
Conductivity				10/5 mA/V	
Operational current le	IEC/EN				
	AC1/AC21A				
			Α	25	
	AC15		_		
		110V	Α	16	
		220/230V	A	12	
		380/400V 660/690V	A A	8 2	
Rated operational pow	or in AC	000/0907			
rated operational pow	Three-phase AC-3				
	Thio phase / to c	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	
		380/440V	kW	5.5	
	Three-phase AC23A	000/0001	1387	0.5	
		220/230V	kW	6.5	
		380/440V	kW	11 11	
	Single-phase AC23A	500/690V	kW	11	
	Olligie-pilase AOZOA	110V	kW	1.5	
		220/230V	kW	3.7	
		,		<del></del>	





ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

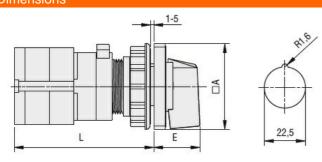
		380/440V	kW	5.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for to	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
	THE TRANSPORTE	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	71110	
	Conductor 6125 (126) Trovibre cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA		
	Conductor Size (IEO) Trigia cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAX	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	3.10
Motor power for direct-	on-line control			
Motor power for direct	for three-phase motor			
	ioi unee-phase motor	120V	HP	3
		120V 240V		3
		240 V 480 V	HP HP	5 10
			HP HP	
	for single whose weeks	600V	пР	15
	for single-phase motor	40017	1.10	4.5
		120V	HP	1.5
A male in many many list		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
		max		
	Storage temperature			
	Storage temperature	min	°C	-40





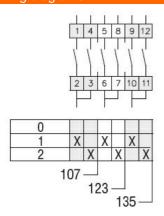
ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

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



Series	Dimer	nsions L				
	□A	Е	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

## 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