



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam
_				switches
Product type designat General characteristic				7GN25
Switching diagram	5			83 - Multi-step 1- 2-3-4 1 pole
N° of elements				2
Mounting form				O - Rear mounting with black handle
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	hermal current Ith	IEO/EN	Δ.	0.5
		IEC/EN UL/CSA	A A	25 30
Rated operational volt	200	UL/CSA		480
Rated operational imp			kV	4
	r short-circuit protection In (gG)		i v	
Waxiii 1400 0120 101	r drieft direat protection in (ge)	10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time curre	ent Icw			·
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	25
	AC15	440)/		4.0
		110V	A	16
		220/230V 380/400V	A A	12
		660/690V	A	8 2
Rated operational pow	ver in AC	000/030 V		
ration operational post	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
		380/440V	kW	5.5
	Three-phase AC23A	000/0001	[2] [4]	C E
		220/230V 380/440V	kW kW	6.5 11
		500/690V	kW	11
	Single-phase AC23A	300/030 (IVVV	
	Single phase AGZOA	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curr	ent in DC			





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	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)	220 V		0.7
	DOZOA (poles ili selles)	24V	Α	25 (1)
		48V	A	
		60V	A	25 (2)
				25 (3)
		110V	A	12 (3)
	B040	220V	A	10 (4)
	DC13	0.01		
		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 te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	, C Tagaire	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIOX	7,1110	10
	AWG - I lexible cable	min	AWG	20
		Max	AWG	12
	Openhistancia (IFO) Florible poble	IVIAX	AVVG	12
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
	0 1 (150) 5(1)	Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	<u> </u>	120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
Tomporatoro	Operating temperature			
	oporating temperature	min	°C	-25
			°C	-25 +55
	Ctorogo tomporaturo	max	<u> </u>	TUU
	Storage temperature		۰.	40
		min	°C	-40
D		max	°C	+70
Resistance & Protection	on			

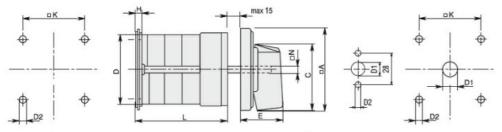


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ENERGY AND AUTOMATION WIGHT BLACK HANDLE, PRONT PLATE 46X46W

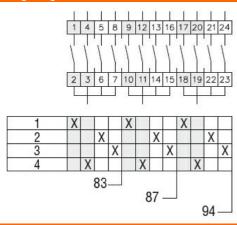
Frontal IP degree IP40
Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
	□A	C	ØD	ØD2	Е	Ξ	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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