electric ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			
Switching diagram			98 - Ammeter switch
N° of elements			3
			U - Front
Mounting form			mounting with black handle
Contact characteristics			DIACK HARIOIE
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	25
	UL/CSA	Α	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15	4407	Α	4.0
	110V	A	16
	220/230V	A	12
	380/400V	A	8
Rated operational power in AC	660/690V	Α	2
Three-phase AC-3			
Tillee-pilase AO-3	220/230V	kW	5.5
	380/440V	kW	7.5
	500/440V	kW	7.5 7.5
Single-phase AC-3	230,000 4		
29.c F	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A			
·	220/230V	kW	6.5
	380/440V	kW	11
<u> </u>	500/690V	kW	11
Single-phase AC23A			
	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5



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	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	A	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			

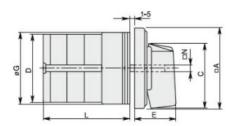


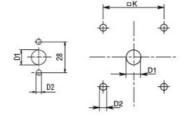
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Frontal IP degree IP40
Terminals IP degree IP00

Dimensions

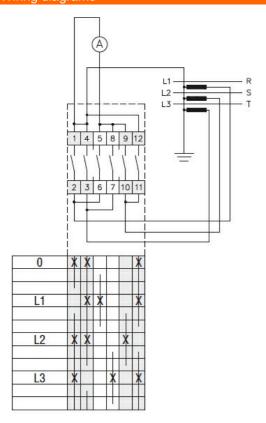




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Corios	Dimensions										L Number of elements										
Series	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	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



7GN2598U

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Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete