



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 POLES 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation				Rotary cam switches
Product type designation General characteristics				7GN125
Switching diagram				94 - Multi-step 1- 2-3-4 3 poles
N° of elements				6
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
Rated impulse withstand volta	ago I limp	UL/CSA	V kV	600
Conventional free air thermal	•		KV	0
Conventional nee all thermal	Carrent iai	IEC/EN	Α	125
		UL/CSA	A	130
Rated operational voltage			V	690
Rated operational impulse vo	ltage		kV	6
Maximum fuse size for short-	circuit protection In (gG)			
		10kA	Α	125
		15kA	Α	100
		25kA	A	100
		50kA	A	100
Rated short time current lcw		63kA	Α	100
ivated short time current low		1s	kA	2100
Conductivity			101	10/5 mA/V
Operational current le IEC/EN	N			
•	AC21A			
			Α	125
AC1	5			
		110V	Α	40
		220/230V	Α	28
		380/400V	A	15
Dated appretional power in A	0	660/690V	A	5
Rated operational power in A	e-phase AC-3			
Tille	e-pilase AC-3	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
Singl	e-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Thre	e-phase AC23A	000/000		00
		220/230V	kW	30
		380/440V	kW	45 27
Sinal	e-phase AC23A	500/690V	kW	37
Sirigi	0 p11030 /1020/1	110V	kW	5
		220/230V	kW	11
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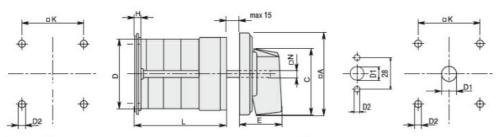
		380/440V	kW	15
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	DOOM (called to a dea)	220V	A	1.2
	DC23A (poles in series)	0.41/	^	405 (4)
		24V	A	125 (1)
		48V	A	125 (2)
		60V 110V	A	125 (3)
		220V	A A	50 (3)
	DC13	2201	A	20 (4)
	DC13	24V	۸	105
		24 V 48 V	A A	125 100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features			V V	0.0
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size	terrinals max		1 4111	
0011440101 0120	AWG - Rigid cable			
	7000 Tagla dable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	Wich	71110	170
	ATTO TRANSPORTED	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	West	7	.,,,
	0011446161 0120 (120) 1 10/11216 04216	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
	•	120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
	.	120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 POLES 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

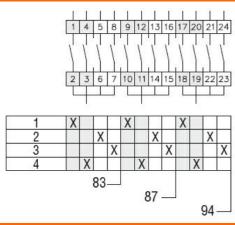
Resistance & Protection Frontal IP degree Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
	□A	С	ØD	ØD2	Е	H	□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

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete