



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation General characteristics			7GN63
Switching diagram			87 - Multi-step 1- 2-3-4 2 poles
N° of elements			4
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600
Conventional free air thermal current Ith		KV	0
Conventional nee all thermal current fin	IEC/EN	Α	63
	UL/CSA	A	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	A	63
Dated about time a compant law	63kA	A	63
Rated short time current Icw	1s	kA	1600
Conductivity	13	NA.	10/5 mA/V
Operational current le IEC/EN			10/3 1117/ V
AC1/AC21A			
, , , , , , , , , , , , , , , , , , ,		Α	63
AC15			
	110V	Α	32
2	20/230V	Α	25
3	80/400V	Α	15
	60/690V	Α	4
Rated operational power in AC			
Three-phase AC-3			4.4
	220/230V	kW	11
	880/440V 600/690V	kW kW	18.5 18.5
Single-phase AC-3	00/6907	KVV	10.0
Olligie-priase AO-3	110V	kW	3.7
2	220/230V	kW	6.5
	880/440V	kW	11.5
Three-phase AC23A			
	20/230V	kW	12.5
3	80/440V	kW	30
	00/690V	kW	30
Single-phase AC23A			
	110V	kW	3.7
2	220/230V	kW	7.5





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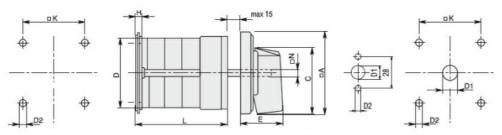
		380/440V	kW	12.5
Rated operational cur				_
	DC21A		_	
		48V	A	63
		60V 110V	A A	50 8
		220V	A	1
	DC23A (poles in series)	220 V		
	2 0 2 0 / ((poise in conice)	24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	A	40
		60V	A	28
Dower dissination		110V	A W	3.3
Power dissipation Mechanical features			۷V	J.4
Terminals screw				M5
Tightening torque for	terminals max		Nm	2
Conductor size	terrimae max		1400	
	AWG - Rigid cable			
	3	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
	One divistorializa (IEO). Divid poble	Max	mm²	10
	Conductor size (IEC) - Rigid cable	min	mm²	2.5
		min Max	mm² mm²	16
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Oy 0103	OXTO
Motor power for direc	t-on-line control			
,	for three-phase motor			
	·	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			_
		120V	HP	3
Ambient conditions		240V	HP	10
Ambient conditions Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	ших		
	2.5.2go tomporataro	min	°C	-40
		max	°C	+70
		<u> </u>		

ENERGY AND AUTOMATION

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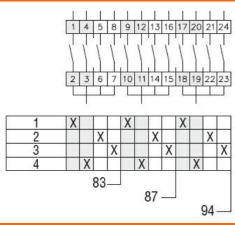
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
Selles	□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

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete