



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

Product designation				Rotary cam switches
Product type designation General characteristics				7GN63
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 U	Ji			
		IEC/EN	V	690
Rated impulse withstand	voltago Llimp	UL/CSA	V kV	600
Conventional free air theri	•		KV	0
Conventional free all then	mai current iti	IEC/EN	Α	63
		UL/CSA	Α	60
Rated operational voltage			V	480
Rated operational impulse	e voltage		kV	4
Maximum fuse size for sh	ort-circuit protection In (gG)			
		10kA	Α	63
		15kA	Α	63
		25kA	Α	63
		50kA	Α	63
B		63kA	Α	63
Rated short time current I	CW	4.0	L.Λ	1000
Conductivity		1s	kA	1600 10/5 mA/V
Conductivity Operational current le IEC	>/EN			10/5 IIIA/V
•	C1/AC21A			
	IO I/AOZ IA		Α	63
A	.C15			
		110V	Α	32
		220/230V	Α	25
		380/400V	Α	15
		660/690V	Α	4
Rated operational power	in AC			_
T	hree-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
=		500/690V	kW	18.5
S	ingle-phase AC-3	440)/	1.347	0.7
		110V	kW	3.7
		220/230V	kW kW	6.5
_	hree-phase AC23A	380/440V	r. v v	11.5
ı	IIIee-pilase AOZSA	220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
<u>-</u>	single-phase AC23A			
_		110V	kW	3.7
		220/230V	kW	7.5





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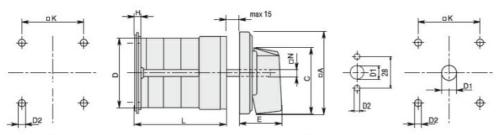
		380/440V	kW	12.5
Rated operational cu				
	DC21A		_	
		48V	A	63
		60V	A	50
		110V	A	8
	DCCCA (notes in cories)	220V	A	1
	DC23A (poles in series)	241/	۸	EO (1)
		24V 48V	A A	50 (1)
		60V	A	50 (2) 50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	220 V		10 (4)
	DO13	24V	Α	63
		48V	A	40
		60V	A	28
		110V	A	3.3
Power dissipation		1100		3.4
Mechanical features			v v	J. T
Terminals screw				M5
Tightening torque for	terminals may		Nm	2
Conductor size	terminals max		1 1111	
O011000101 3120	AWG - Rigid cable			
	Avve Rigid dubic	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	TVICAX	7,1110	
	AVVO TICAIDIC GUDIC	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
	Conductor ciza (120) Trovista dasta	min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			-
	3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3	min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ct-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
		240V	HP	10
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 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

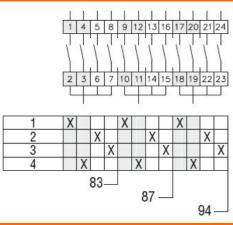
Resistance & Protection Frontal IP degree Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
Selles	□A	C	ØD	ØD2	Е	Н	□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