



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product type designation 318 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step 0-1-23 poles N* of elements 3 135 - Multi-step N* of elements 145 - Multi-step N* of elemen	Product designation				Rotary cam switches
Switching diagram 135 - Multi-step 0-1-2 3 potes N° of elements 3 Mounting form U - Front mounting with black handle Contact characteristics Rated insulation voltage Ui IEC/EN UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 125 Rated operational voltage kV 6 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection in (gG) 10kA A 125 Maximum fuse size for short-circuit protection in (gG) 10kA A 100 Rated short time current lcw 1 s kA 2100 Rated short time current lcw 1 s kA 2100 Conductivity 1 s kA 2100 Conductivity 1 s kA 2100 Conductivity 1 s kA 2100 Rated operational current le IEC/EN AC1/AC21A 1 s kA 2100 Rated operational power in AC 2 s kA 2100 Three-phase AC-3 2 s kA 2100 Rated operational power in AC 2 s kA 2100 Rated operational power in AC 2 s kA 2100 Rated operational power in AC 3 s kA 21					7GN125
Mounting form					
Mounting form Mounting with black handle Mounting with black handle	N° of elements				
Rated insulation voltage Ui	Mounting form				mounting with
IEC/EN V 690					
Rated impulse withstand voltage Uimp	Rated insulation voltage U	Ji			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith	Pated impulse withstand	voltago Llimp	UL/CSA		
IEC/EN A 125		•		KV	0
Rated operational voltage	Conventional free all then	mai current itti	IEC/EN	Α	125
Rated operational voltage					
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) 10kA	Rated operational voltage				
10kA				kV	6
15kA	Maximum fuse size for sh	ort-circuit protection In (gG)			
Rated short time current Icw 1s				Α	
Soka A 100 63kA A 100 7 7 7 7 7 7 7 7 7					
Rated short time current lcw					
Rated short time current lcw					
Conductivity 1s kA 2100 Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 AC15 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC 220/230V kW 18.5 380/440V kW 37 500/690V kW 37 500/690V kW 33 110V kW 5 220/230V kW 11 380/440V kW 15 15 15 10 10 10 kW 30 380/440V kW 45 500/690V kW 37 30 30 </td <td>Dated about times assument l</td> <td></td> <td>63kA</td> <td>A</td> <td>100</td>	Dated about times assument l		63kA	A	100
Conductivity	Rated short time current i	CW	16	L۸	2100
A	Conductivity		15	- KA	
AC1/AC21A AC15 AC15 T110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 15 Three-phase AC23A 110V kW 5 380/440V kW 37 500/690V kW 37 Single-phase AC23A		:/FN			10/0 111/-(\
AC15 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 15 220/230V kW 15 220/230V kW 30 380/440V kW 35 220/230V kW 37 500/690V kW 37 Single-phase AC23A	•				
110V				Α	125
Rated operational power in AC Three-phase AC-3	Ā	C15			
Rated operational power in AC			110V	Α	40
Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 37 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 500/690V kW 37 Single-phase AC23A 110V kW 5 500/690V kW 37 Single-phase AC23A 110V kW 5 Single-phase AC23A 110V Single-phase			220/230V	Α	28
Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A			380/400V	Α	15
Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 37 Single-phase AC23A 110V kW 5 500/690V kW 37			660/690V	Α	5
220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 37 Single-phase AC23A 110V kW 5 110V kW 5 15	·				
380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A	Т	hree-phase AC-3	201020		40.5
Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15					
Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5	_	ringle phase AC 2	500/6907	KVV	33
220/230V	3	illigie-priase AC-3	110\/	k\//	5
380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5	T	hree-phase AC23A	200701		
380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		•	220/230V	kW	30
Single-phase AC23A 110V kW 5					
110V kW 5			500/690V	kW	37
	S	ingle-phase AC23A			
220/230V kW 11					
			220/230V	kW	11





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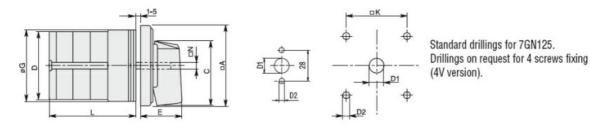
		380/440V	kW	15
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	DOOM (called to a dea)	220V	A	1.2
	DC23A (poles in series)	0.41/	^	405 (4)
		24V	A	125 (1)
		48V	A	125 (2)
		60V 110V	A	125 (3)
		220V	A A	50 (3)
	DC13	2201	A	20 (4)
	DC13	24V	۸	105
		24 V 48 V	A A	125 100
		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 0-1-2, 3 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

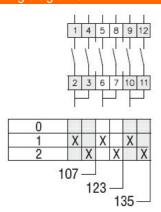
Resistance & Protection Frontal IP degree Terminals IP degree IP00

Dimensions



Series	Dimensions								L Number of elements												
	□A	С	ØD	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

Certificates

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete