



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 2 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product type designation	Product designation				Rotary cam
Semental characteristics 8e - Multi-step 1 - 2-3 2 poles N° of elements 3 Mounting form U-Front mounting with black handle Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 6 Conventional free air thermal current Ith IEC/EN A 32 UL/CSA A 400 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 1	_	on			
No of elements 2-3 2 poles					
Mounting form	Switching diagram				-
Mounting form Single-phase AC23A Mounting with sinch thandle Mounting with sinch thandle Mounting with sinch thandle Mounting with sinch thandle Mounting with sinch than sin	N° of elements				3
Rated insulation voltage Uin	Mounting form				mounting with
REC/EN V 690 000	Contact characteristics	;			
Rated impulse withstand voltage Uimp	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth	Data di manda a coith atao	advallana I lina	UL/CSA		
IEC/EN A 32 40 40 40 40 40 40 40 4		• •		KV	6
Rated operational voltage	Conventional free all tr	iermai current itri	IEC/EN	۸	32
Rated operational voltage					
Rated operational impulse voltage	Rated operational volta	age	01,0071		
Maximum fuse size for short-circuit protection In (gG)				kV	
15kA A 32 25kB A 32 32 32 32 32 32 32		-			
Rated short time current lcw			10kA	Α	32
Rated short time current lcw				Α	
Rated short time current low					
Three-phase AC-3 Three-phase AC-3 Three-phase AC23A Three-phase AC23A Tinux Rate of the first of			50kA	A	32
Conductivity	Rated short time curre	nt Icw	4-	۸	000
AC1/AC21A	Conductivity		18	A	
AC1/AC21A AC15 110V A 25 220/230V A 20 380/440V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 15 500/690V kW 15 500/690V kW 18.5		IFC/FN			10/3 111/7 V
AC15 110V A 25	operational current to				
110V				Α	32
Single-phase AC23A 220/230V		AC15			
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 11 11 11 11 11 12 11			110V	Α	25
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5	Data Lance Caralan		660/690V	A	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 8 380/440V kW 15 220/230V kW 18.5	Rated operational pow				
380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4		Three-phase AC-3	220/230\/	k\//	7.5
Single-phase AC-3					
Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4		Single-phase AC-3			
380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4			110V	kW	2.2
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4			380/440V	kW	6.5
380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4		Three-phase AC23A	000/000		
500/690V kW 18.5 Single-phase AC23A 110V kW 2.2 220/230V kW 4					
Single-phase AC23A 110V kW 2.2 220/230V kW 4					
110V kW 2.2 220/230V kW 4		Single-phase AC23A	300/090V	r. v v	10.5
220/230V kW 4		Citigle phase AOZOA	110V	kW	2.2

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 2 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

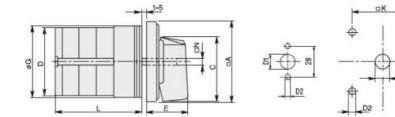
Rated operational current in DC DC21A 48V A 32 60V A 32 110V A 6	
48V A 32 60V A 32	
60V A 32	
	2
110\/	2
110V A 6	
	9
DC23A (poles in series)	
24V A 32	2 (1)
48V A 32	2 (2)
60V A 32	2 (3)
110V A 15	5 (3)
220V A 12	2 (4)
DC13	
24V A 32	2
48V A 25	5
60V A 16	5
110V A 3	
220V A 0.	5
Power dissipation W 1.	5
Mechanical features	
Terminals screw M	4
Tightening torque for terminals max Nm 1.	2
Conductor size	
AWG - Rigid cable	
min AWG 16	6
Max AWG 8	
AWG - Flexible cable	
min AWG 16	6
Max AWG 10	
Conductor size (IEC) - Flexible cable	
min mm² 1.	5
Max mm ² 4	
Conductor size (IEC) - Rigid cable	
min mm² 1.	5
Max mm ² 6	
	:10 ⁶
JL technical data	_
Motor power for direct-on-line control	
VIOLOI DOMOI IUI UII CUI III IU CUI III III III III	
·	
for three-phase motor)
for three-phase motor 120V HP 5	
for three-phase motor 120V HP 5 240V HP 10	
for three-phase motor 120V HP 5 240V HP 10 480V HP 15	5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15	5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15	5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2	5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	5
for three-phase motor 120V	5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Operating temperature min °C -2 max °C +5	5
for three-phase motor 120V	5 5 5 5 5 5
for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Operating temperature min °C -2 max °C +5	5 5 5 5 5 5 5

ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 2 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Resistance & Protection
Frontal IP degree IP40
Terminals IP degree IP00

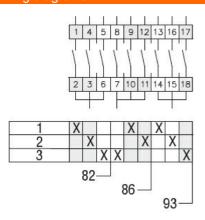
Dimensions



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

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

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete