

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product type designation	Product designation		
Switching diagram Suitching diagram Suit	-		
Switching diagram 91 - ON/OFF switch 2 poles			7GN25
Switch 2 poles 1			91 - ON/OFF
Mounting form	Switching diagram		
Mounting form Image: Contact characteristics covers IEC/EN V 690 UL/CSA V 600 V 690 UL/CSA V 600 Rated insulation voltage Uimp KV 6 6 Conventional free air thermal current Ith IEC/EN UL/CSA A 30 A 25 UL/CSA A 30 A 25 UL/CSA A 30 A 30 Rated operational voltage V 480 Rated operational impulse voltage V 480 A 25 UL/CSA A 25 A 25 UL/CSA A 30	N° of elements		1
Rated insulation voltage Ui IEC/EN			mounting with red/yellow handle padlockable in 0 and protection
IEC/EN V 690 UL/CSA V 600			
Name		V	690
Rated impulse withstand voltage Uimp			
Conventional free air thermal current Ith IEC/EN			
Nated operational voltage V 480			
Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 15kA A 25 25kA A 25 Rated short time current Icw 1s kA 400 Conductivity 10/5 mA/V Operational current Ie IEC/EN A 25 AC1/AC21A A 25 AC15 A 25	IEC/EN	Α	25
Rated operational impulse voltage kV 4	UL/CSA	Α	30
Maximum fuse size for short-circuit protection In (gG) 10kA A 25 15kA A 25 25kA A 25 Rated short time current lcw 1s kA 400 Conductivity Operational current le IEC/EN AC1/AC21A A 25 AC15			
10kA A 25 15kA A 25 25kA A 2		kV	4
15kA A 25 25kA A 25 AC15 AC15 A 25 AC15 A 25 AC15 A 25 AC15 A A A A A A A A A	, , , ,		
Rated short time current lcw			
Rated short time current lcw			
1s kA 400		Α	25
Conductivity Operational current le IEC/EN AC1/AC21A AC15		kΔ	400
Operational current le IEC/EN AC1/AC21A A 25 AC15		IV-1	
AC1/AC21A AC15	·		10/0 11// (
AC15	·		
		Α	25
110V A 16	AC15		
220/230V A 12			
380/400V A 8			
Betad apprehiend power in AC		Α	2
Rated operational power in AC Three-phase AC-3	·		
220/230V kW 5.5	·	k\/\/	5.5
380/440V kW 7.5			
500/690V kW 7.5			
Single-phase AC-3			
110V kW 1.5		kW	1.5
220/230V kW 3	220/230V	kW	3





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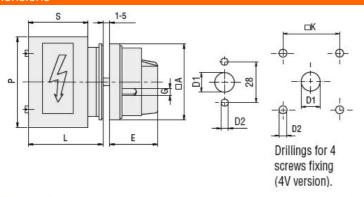
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
	emg.e phase / tele/.	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC	000/1101		0.0
rated operational out	DC21A			
	20217	48V	Α	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	220 V		0.7
	DOZOA (poles ili selles)	24V	Α	25 (1)
		48V	A	25 (1) 25 (2)
		60V	A	
		110V	A	25 (3) 12 (3)
				12 (3)
	D040	220V	Α	10 (4)
	DC13	0.41/	۸	0.5
		24V	A	25
		48V	A	20
		60V	Α	16
		110V	Α	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	, ,	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			,	
Motor power for direc	t-on-line control			
2121 2011 01 01 01 01	for three-phase motor			
	is. alloo phase motor	120V	HP	3
		240V	HP	5
		480V	HP	
				10
	for single phase mater	600V	HP	15
	for single-phase motor	40011		4.5
		120V	HP	1.5



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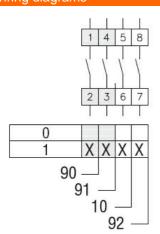
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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				



Series	Dimensions								
Series	□A	D1	D2	Е	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

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



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7GN2591U25

complete

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification	h	
ETIM 8.0		EC001029 - Selector switch.