

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 40A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Switches Switches Switches Switches Switches Switches Switches Switching diagram Switchi	Product designation			Rotary cam
Switching diagram				
Switching diagram Switching poles Switchin				7GN40
Switch 3 poles Switch 3 poles N° of elements 2 U25 - Front mounting with redyellow handle padiockable in 0 and protection covers				10 - ON/OFF
Mounting form	Switching diagram			
Mounting form Section Section	N° of elements			2
Rated insulation voltage Ui				mounting with red/yellow handle padlockable in 0 and protection
IEC/EN V 690 UI/CSA V 600 Rated impulse withstand voltage Uimp				
Rated impulse withstand voltage Uimp Rated impulse withstand voltage Uimp Rated impulse withstand voltage Rated operational voltage V 480	Kaleu IIISulation voltage Ol			
Conventional free air thermal current lith	Data Program States Ladious IPers	UL/CSA		
IEC/EN			KV	6
Rated operational voltage V	Conventional nee all thermal current till			
Rated operational impulse voltage RV 4	Rated operational voltage	UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA				
15kA				
25kA	, , , , , , , , , , , , , , , , , , , ,	10kA	Α	40
S0kA A 40 63kA A 40 40 A A			Α	
Rated short time current Icw 1s kA 1000				
Rated short time current lcw 1s kA 1000 Conductivity Operational current le IEC/EN AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15				
1s	Detect short time current law	63KA	A	40
Conductivity	Rated Short time current icw	19	kΔ	1000
Operational current le IEC/EN AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	Conductivity	13	N/A	
AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	· · · · · · · · · · · · · · · · · · ·			
AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	·			
110V A 25			Α	40
220/230V A 22 380/400V A 12 660/690V A 2 2 2 2 2 2 2 2 2	AC15			
380/400V A 12				
Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15				
Rated operational power in AC Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15				
Three-phase AC-3 220/230V kW 8 380/440V kW 15 500/690V kW 15	Rated operational power in AC	000/0907	А	
220/230V kW 8 380/440V kW 15 500/690V kW 15				
380/440V kW 15 500/690V kW 15		220/230V	kW	8
Single-phase AC-3		500/690V	kW	15
	Single-phase AC-3			





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		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			
	•	220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A	000,000		
	Cirigio pridocinio de la contractiona de la contrac	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr	rent in DC	000/1101	1000	
rated operational curi	DC21A			
	DOZIA	48V	Α	40
		60V	A	40
		110V	A	6
	DC22A (nolog in cories)	220V	Α	0.9
	DC23A (poles in series)	0.417	۸	40 (4)
		24V	A	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13		_	
		24V	Α	40
		48V	Α	32
		60V	Α	16
-		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	, , ,	min	mm²	1.5
		Max	mm²	10
Mechanical life		-	cycles	5x10 ⁶
UL technical data				
Motor power for direct	t-on-line control			
,	for three-phase motor			
	•	120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	-	000 V	1 11	20
	for single-phase motor			



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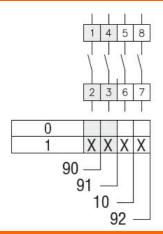
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		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				

Drillings for 4 screws fixing (4V version).

Series	Dimensions								
Selles	□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°	1	4
$\cup \cup \cap$	UZZ.			- 1	-

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1



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7GN4010U25

complete

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classifica	tion	
ETIM 8.0		EC001029 - Selector switch,