

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 90X90MM



Switches Forduct yee designation Forduct yee yee yee yee yee yee yee yee yee ye	Product designation			Rotary cam
Several characteristics	•			
Switching diagram 10 - ON/OFF Switch 3 poles N° of elements 2 U65 - Front mounting with red/yellow handle padiockable in 10 padioc				/GN125
N° of elements				10 - ON/OFF
Mounting form				
Mounting form Section Section	N° of elements			
Rated insulation voltage Ui				mounting with red/yellow handle padlockable in 0 and protection
IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp EC/EN Conventional free air thermal current Ith IEC/EN				
Conventional free air thermal current Ith	Rated insulation voltage of			
IEC/EN A 125 UL/CSA A 130 Rated operational voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 25kA A 100 63kA A 100 63kA A 100 63kA A 100 Conductivity 1s A 2100 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 AC15 AC15 AC16 AC16 AC16 AC17 AC16 AC18 AC17 AC18 AC17 AC18 AC18 AC19 AC19 AC19	Rated impulse withstand voltage Uimp		kV	6
Nated operational voltage Nated operational impulse voltage Nated operational impulse voltage Nated operational impulse voltage National impulse v	Conventional free air thermal current Ith			
Rated operational voltage V 690				
Rated operational impulse voltage kV 6		UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA				
10kA			KV	0
15kA	Maximum ruse size for short-circuit protection in (gG)	10kA	А	125
25kA				
Rated short time current lcw				
Rated short time current Icw 1s A 2100 Conductivity Operational current le IEC/EN AC1/AC21A 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		50kA	Α	100
Three-phase AC-3 Separational current le IEC/EN		63kA	Α	100
Conductivity	Rated short time current lcw			
Operational current le IEC/EN AC1/AC21A 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		1s	Α	
AC1/AC21A 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				10/5 mA/V
A 125 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	·			
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	ACT/ACZTA		Δ	125
110V A 40 220/230V A 28 380/400V A 15 660/690V A 5	AC15			123
220/230V A 28 380/400V A 15 660/690V A 5		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				
Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33			Α	
Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33		660/690V	Α	5
220/230V kW 18.5 380/440V kW 37 500/690V kW 33				
380/440V kW 37 500/690V kW 33	Three-phase AC-3	000/0001	[21.0.7	40 E
500/690V kW 33				
	Single-phase AC-3	300,000		





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		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	300/440 V	K V V	13
	Tillee-pilase AO23A	220/230V	kW	30
		380/440V	kW	45
	Cingle phase AC22A	500/690V	kW	37
	Single-phase AC23A	110\/	14/4/	5
		110V	kW	
		220/230V 380/440V	kW kW	11 15
Datad aparational a	urrent in DC	300/4401	KVV	10
Rated operational c				
	DC21A	40)/	۸	405
		48V	A	125
		60V	A	80
		110V	A	10
	D0004 (1 : : :)	220V	Α	1.2
	DC23A (poles in series)	- · · ·		405 (4)
		24V	A	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13			
		24V	Α	125
		48V	Α	100
		60V	Α	50
		110V	Α	4
Power dissipation			W	6.3
Mechanical features	S			
Terminals screw				M2X5
Tightening torque for	or terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		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 dire	ect-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
	Tot onigio pridocitiotor			



IP00

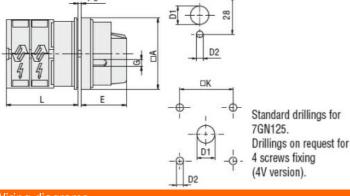


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		120V	HP	5	
		240V	HP	15	
Ambient conditions					
Temperature					
	Operating temperature				
		min	°C	-25	
		max	°C	+55	
	Storage temperature				
		min	°C	-40	
		max	°C	+70	
Resistance & Protection	on				
Frontal IP degree				IP40	

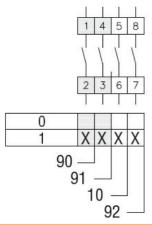
Dimensions

Terminals IP degree



Series	Dimensions					L				
	□A	D1	D2	Е	G	□K	1	2	3	12
7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN25	65	12	5	34.2	5	36	40.5	54.1	67.7	190.1
7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
7GN125	90	16	6	49	7	68	67.3	96.4	125.5	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

EC001105 - Offload switch

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