

7GN4010U65 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



Product designation			Rotary cam
-			switches
Product type designation			7GN40
General characteristics			
Switching diagram			10 - ON/OFF
N° of elements			switch 3 poles
			U65 - Front
			mounting with
Mounting form			red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	<u> </u>
	UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/USA	kV	6
Conventional free air thermal current Ith		ΓV	0
	IEC/EN	А	40
	UL/CSA	A	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	40
	15kA	А	40
	25kA	А	40
	50kA	A	40
	63kA	A	40
Rated short time current Icw			
	1s	kA	1000
Conductivity	60s	A	1000
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
AC1/AC21A		А	40
AC15		~	40
	110V	А	25
	220/230V	A	22
	380/400V	А	12
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15

7GN4010U65

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IOUNTING WITH RED/YELLOW HANDLE PADLC	OCKABLE IN 0 AND		
		FRON	T PLATE 65X65MM
Single-phase AC-3			
	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			
	110V	kW	3
	220/230V	kW	6

380/440V

240V

480V

600V

HP

ΗP

ΗP

10

20

20

kW

11

Rated operational current in DC

7GN4010U65

rated operational ear				
	DC21A			
		48V	А	40
		60V	А	40
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
	u j	24V	А	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	А	20 (3)
		220V	А	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	A	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features				-
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	11100	/	<u> </u>
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVICA	700	
		min	mm²	1.5
		Max	mm ²	6

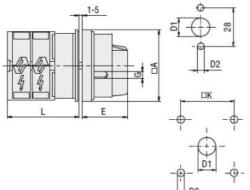
	Max	mm²	6
Conductor size (IEC) - Rigid cable			
	min	mm²	1.5
	Max	mm²	10
Mechanical life		cycles	5x10°
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	5



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	for single-phase motor			
		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 & Prote	ection			
Frontal IP degree				IP40
Terminals IP degre	e			IP00

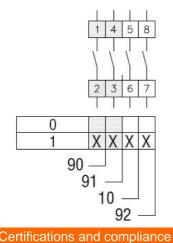
Dimensions



		7
1		7
Đ-	Standard drillings for	7
	7GN125.	7
Г Д -	Drillings on request for 4 screws fixing	7
ŕ	(4V version).	7

Series	Dimensions				L					
Series	□A	D1	D2	E	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



_ 01	-@-	4 screws fixing	7GN63	65	14	5	38	6	48	50.3	68.4	86.5	2
D2	Y	(4V version).	7GN125	90	16	6	49	7	68	67.3	96.4	125.5	3
-													

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	

111

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ETIM 8.0

EC001105 - Offload switch