



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product type designation	Product designation			Rotary cam
Switching diagram S2 - Changeover switch 2 poles	•			
Switching diagram 52 - Changeover switch 2 poles's				7GN12
Mounting form				
Mounting form Section Section	N° of elements			
Rated insulation voltage Ui IEC/EN				fron mounting with black handle for hole diam.
Rated impulse withstand voltage Ulimp Rated operational free air thermal current Ith Rated operational voltage V 480 Rated operational impulse voltage V 480 Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse voltage Rated short-circuit protection In (gG) Rated short time current Icw Rated Short Sho				
Rated impulse withstand voltage Ulimp	Rated Insulation voltage of			
Conventional free air thermal current lth	Rated impulse withstand voltage Uimp	02,007		
Rated operational voltage				
Rated operational impulse voltage				
Maximum fuse size for short-circuit protection In (gG) 10kA	Rated operational voltage		V	480
10kA			kV	4
Rated short time current lcw	Maximum fuse size for short-circuit protection In (gG)	10kA	А	16
Rated short time current low			Α	
The contact of the		25kA	Α	10
Operational current le IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 Single-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC23A 110V kW 0.8 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A	Rated short time current lcw	1s	kA	
AC1/AC21A AC15 T10V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 T10V kW 0.8 220/230V kW 1.5 380/440V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 Single-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC23A 110V kW 0.8 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A				10/5 mA/V
A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 5.5 Single-phase AC23A 110V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A				
110V			Α	16
220/230V	AC15	110\/	٨	10
Single-phase AC23A 380/400V A 4 660/690V A 1.5 A 1.5				
Rated operational power in AC Three-phase AC-3 220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5				
Rated operational power in AC Three-phase AC-3 220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5				
220/230V kW 2.5 380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7	Rated operational power in AC			
380/440V kW 4 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7	Three-phase AC-3			
Single-phase AC-3				
Single-phase AC-3 110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7				
110V kW 0.8 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7	Single-phase AC-3	500/690V	KVV	5.5
220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7	Single-phase AC-3	110V	kW	0.8
380/440V kW 2.2 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7				
220/230V kW 3 380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7				
380/440V kW 5.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7	Three-phase AC23A	220/2201/	F/V/	3
500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 1.7				
Single-phase AC23A 110V kW 0.8 220/230V kW 1.7				
110V kW 0.8 220/230V kW 1.7	Single-phase AC23A			
	3 1	110V	kW	0.8
380/440V kW 3				
		380/440V	kW	3





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Rated operational cur	rent in DC			
rtatoa oporationai cai	DC21A			
	DOZIA	48V	Α	12
		60V	A	12
		110V		
			A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	Α	10 (1)
		48V	Α	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
	20.0	24V	Α	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
00.1.00.010.0.00	AWG - Rigid cable			
	AWO Rigid Gable	min	AWG	20
			AWG	
	AVMO FILE THE SELECTION	Max	AVVG	12
	AWG - Flexible cable		41440	
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	, ,	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data			0,0100	OK 10
Motor power for direc	t-on-line control			
motor power for direct				
	for three-phase motor	40017		4.5
		120V	HP	1.5
		240V	HP	3
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
· omporataro	Operating temperature			
	Operating temperature		°C	0E
		min	°C	-25
	-	max	°C	+55
	Storage temperature			



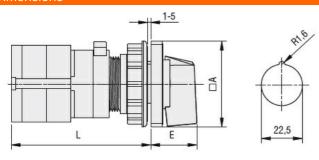


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min	°C	-40
max	°C	+70

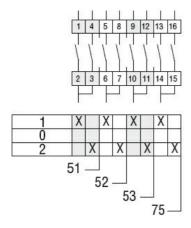
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	Dimensions		L			
	□A	Е	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

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

EC001029 -Selector switch, complete