

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product type designation	Product designation				Rotary cam
Semeral characteristics	_				
Switching diagram O6 - ON/OFF switch 2 poles N° of elements 1 Mounting form CA8 - Modular sprice cover for 35mm din ratio patch in the patch in					7GN20
N° of elements 1					
Mounting form Service cover for Same din ratin mounting with black handle black	N° of elements				
Rated insulation voltage Ui	Mounting form				service cover for 35mm din rail mounting with
Rated impulse withstand voltage Uimp					
Rated impulse withstand voltage Ulimp	Rated insulation voltage U	Ji			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth	Dated impulse withstand	voltago I limp	UL/CSA		
Rated operational voltage		<u> </u>		ΚV	O
Rated operational voltage V V V V V V V V V	Conventional free all them	nar outfork fut	IFC/FN	Α	20
Rated operational impulse voltage RV 4					
Maximum fuse size for short-circuit protection In (gG)	Rated operational voltage			V	480
10kA	Rated operational impulse	e voltage		kV	4
Table 15kA A 16 16 25kA A 16 25kA A 16 25kA A 20 20 20 20 20 20 20	Maximum fuse size for sh	ort-circuit protection In (gG)			_
Rated short time current Icw 1s					
Rated short time current low					
1s	Dated short time current I	ow.	25KA	A	16
Conductivity	Rated Short time current i	CW	19	Δ	250
AC1/AC21A	Conductivity		10		
AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 3 110V kW 0.8 220/230V kW 5.5 Single-phase AC23A		C/EN			
AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC-3 110V kW 0.8 220/230V kW 3 3 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A	-				
110V	_			Α	20
220/230V	Α	C15			
Rated operational power in AC Three-phase AC-3					
Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 3 Three-phase AC23A 220/230V kW 5.5 220/230V kW 5.5 Single-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8	Rated operational power i	n AC	000/090 V		1.0
220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8		·	220/230V	kW	3
Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8			380/440V	kW	5.5
110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8	_		500/690V	kW	5.5
220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8	S	ingle-phase AC-3	44014		
380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8	T	hree-phase AC23A	300/4401	IV V V	<u> </u>
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8	·		220/230V	kW	5
500/690V kW 7.5 Single-phase AC23A 110V kW 0.8					
110V kW 0.8					
	S	ingle-phase AC23A			
220/230V kW 2.5					
			220/230V	kW	2.5



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		380/440V	kW	3.7
Rated operational cu				
	DC21A	401/	Δ.	00
		48V	A	20
		60V 110V	A A	20 4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V		0.23
	DOZOA (poles in series)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	220 V		0 (4)
	2010	24V	Α	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		TTO V	W	0.8
Mechanical features			**	0.0
Terminals screw				M3
Fightening torque for	terminals may		Nm	0.5
Conductor size	terminals max		1 4111	0.0
3011440101 3120	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	700	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAA	700	17
	Conductor size (ILC) - I lexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAA	1111111	2.0
	Conductor Size (ILO) - Rigid cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		iviax	cycles	5x10 ⁶
JL technical data			Cycles	UA 10
Motor power for direct	rt-on-line control			
violoi powei ioi uilet				
	for three-phase motor	120V	HP	1.5
				3
		7 101 /	ЦΠ	
		240V	HP up	
		480V	HP	7.5
	for single phase mater			
	for single-phase motor	480V 600V	HP HP	7.5 10
	for single-phase motor	480V 600V 120V	HP HP	7.5 10 0.75
	for single-phase motor	480V 600V	HP HP	7.5 10
	for single-phase motor	480V 600V 120V	HP HP	7.5 10 0.75
Ambient conditions Femperature		480V 600V 120V	HP HP	7.5 10 0.75
	for single-phase motor Operating temperature	480V 600V 120V 240V	HP HP HP HP	7.5 10 0.75 2
		480V 600V 120V	HP HP	7.5 10 0.75

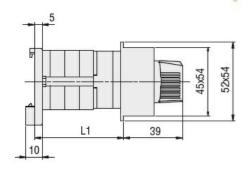


Resistance & Protecti Frontal IP degree Terminals IP degree

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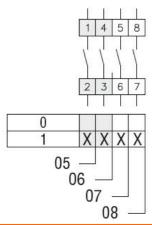
Storage temperature				
	min	°C	-40	
	max	°C	+70	
ion				
			IP40	
			IP00	

Dimensions



Series	L1			
	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

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

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001105 - Offload switch