

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduat designation				Rotary cam
Product designation				switches
Product type designation General characteristics				7GN12
				08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
				O48 - Modular
Mounting form				service cover for 35mm din rail
Wounting rollin				mounting with
				black handle
Contact characteristics				
Rated insulation voltag	e Ui	150/5N		000
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage I limp	UL/CSA	kV	6
Conventional free air th	<u> </u>		ΚV	
Conventional free all ti	ionnai canoni iai	IEC/EN	Α	16
		UL/CSA	Α	15
Rated operational volta	age		V	480
Rated operational impu	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	16
		15kA	A	10
Rated short time curre	ot low	25kA	Α	10
Nated Short time curren	THE TOWN	1s	Α	200
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
•	AC1/AC21A			
			Α	16
	AC15			
		110V	A	10
		220/230V	A	8
		380/400V 660/690V	A A	4 1.5
Rated operational pow	er in AC	000/030 V		1.0
rated operational port	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
	Three-phase AC23A	380/440V	kW	2.2
	Tillee-pilase AO23A	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



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		380/440V	kW	3
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.07		40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	D040	220V	A	5 (4)
	DC13	241/	٨	40
		24V	A	12
		48V	A	10
		60V 110V	A	8
			A	1
		220V	A	0.4
Dower discination		440V	A W	0.15
Power dissipation			VV	0.8
Mechanical features				MO
Terminals screw Tightening torque for te	arminala may		Nm	M3 0.5
Conductor size	eminas max		INIII	0.5
Conductor Size	AWC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AVVG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	14
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.5
	Conductor Size (IEO) - Mylu Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	3x10 ⁶
UL technical data			Cycles	
Motor power for direct-	on-line control			
otor powor for direct-	for three-phase motor			
	ioi alioo piidoo iiiotoi	120V	HP	1.5
		240V	HP	3
	for single-phase motor	Z-T-0 V	111	
	ioi singio pridocifictor	120V	HP	0.5
		240V	HP	1
Ambient conditions		2.00		·
Temperature				
.	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	THAK		
		min	°C	-40
		11111		· -

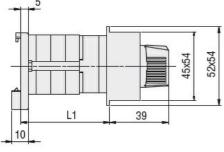


ENERGY AND AUTOMATIC

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, MODULAR SERVICE

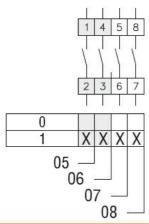
ION	COVER FOR	35MM DIN	I REAIL	MOUNT	ING W	/ITH BI	_ACK H	IANDLE,	FRONT	PLATE	45X54MM
								max	°C	+70	

Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	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

EC001029 -Selector switch, complete