

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designat				7GN12
General characteristic	S			05 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
				U11 - Front
				mounting with black handle
Mounting form				without front plate
				for hole diam.
				22mm fixing
Contact characteristics				
Rated insulation voltag	ge Ui	1=0/=1	.,	
		IEC/EN	V	690
Datad impulse withoto	nd valtaga I limp	UL/CSA	V kV	600
Rated impulse withsta Conventional free air t			KV	0
Conventional free all t	nemarcunentul	IEC/EN	Α	16
		UL/CSA	A	15
Rated operational volt	age		V	480
Rated operational imp			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	10
		25kA	Α	10
Rated short time curre	ent Icw	4		000
Conductivity		1s	kA	200 10/5 mA/V
Operational current le	IEC/EN			10/5 IIIA/ V
Operational current le	AC1/AC21A			
	710 177102 171		Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3	220/230V	kW	2.5
		380/440V	kW	2.5 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	000/000	1.357	0
		220/230V	kW	3
		380/440V 500/690V	kW kW	5.5 7.5
	Single-phase AC23A	300/0907	V A A	1.0
	Single phase AGZOA	110V	kW	0.8
		220/230V	kW	1.7



ENERGY AND AUTOMATION

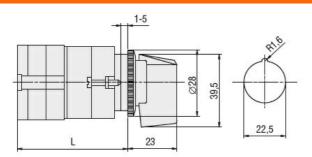
electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

		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 AUTOMATION

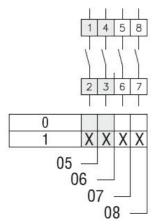
ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	L			
Selles	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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

CCSAus
EAC
UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete