

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
_			switches
Product type designation General characteristics			7GN12
Switching diagram			08 - ON/OFF
N° of elements			switch 4 poles 2
N of elements			 U47 - Snap on
			fron mounting
Mounting form			with black handle
			for hole diam.
Contact characteristics			22mm finxing
Rated insulation voltage Ui			
realed insulation voltage of	IEC/EN	V	690
	UL/CSA		600
Rated impulse withstand voltage Uim		kV	6
Conventional free air thermal current			
	IEC/EN	Α	16
	UL/CSA		15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit p	·- ·		4.0
	10kA		16
	15kA 25kA		10 10
Rated short time current Icw	ZUKA		10
reaced short time current low	1s	Α	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15			
	110V		10
	220/230V		8
	380/400V 660/690V		4 1.5
Rated operational power in AC	000/090 V		1.0
Three-phase	e AC-3		
mee phase	220/230V	kW	2.5
	380/440V		4
	500/690V	kW	5.5
Single-phase			
	110V		0.8
	220/230V		1.5
Thuas where	380/440V	kW	2.2
Three-phase	220/230V	kW	3
	380/440V		5 5.5
	500/440 V 500/690 V		7.5
Single-phase			
- 3 - 1-1-1-1	110V	kW	0.8
	220/230V		1.7



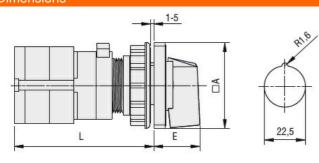
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		380/440V	kW	3
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.07		40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	D040	220V	Α	5 (4)
	DC13	241/	۸	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			oyules	
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-TO V		
	ioi singio pridocifictor	120V	HP	0.5
		240V	HP	1
Ambient conditions		2.00		·
Temperature				
. s.nporataro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	тих		
	-13.3go tomporataro	min	°C	-40
		111111		



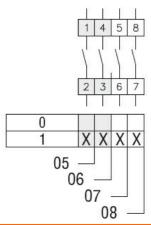
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	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				



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

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete