



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
-	_			switches
Product type designatio General characteristics	n			7GN12
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage	Ui			
		IEC/EN	V	690
Data d important with atom	d valtaga I lima	UL/CSA	V	600
Rated impulse withstand	<u> </u>		kV	6
Conventional nee all the	omai ouriont tur	IEC/EN	Α	16
		UL/CSA	Α	15
Rated operational voltage	ge		V	480
Rated operational impul	lse voltage		kV	4
Maximum fuse size for s	short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	10
Data dahari tira a suman	41	25kA	A	10
Rated short time curren	ticw	1s	Α	200
Conductivity		13		10/5 mA/V
Operational current le II	EC/EN			
•	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	A	8
		380/400V 660/690V	A A	4 1.5
Rated operational power	r in ΔC	000/0901		1.5
rated operational powe	Three-phase AC-3			
	ec priese / ie	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
	Tilloe-pilase AOZOA	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 cu				
	DC21A		_	
		48V	A	12
		60V	A	12
		110V	A	4
		220V	A	0.6
	DOOM (selection selection)	440V	Α	0.25
	DC23A (poles in series)	241/	۸	10 (1)
		24V	A	10 (1)
		48V 60V	A	10 (2)
		110V	A A	10 (3)
		220V	A	5 (3)
	DC13	220 V	A	5 (4)
	DC13	241/	۸	10
		24V 48V	A A	12 10
		48 V 60 V	A	
		110V	A	8 1
		220V	A A	0.4
Power dissipation		440V	— A W	0.15
Mechanical features			VV	0.0
Terminals screw				M3
Tightening torque for	terminals may		Nm	0.5
Conductor size	terrilinais max		INIII	0.5
Conductor Size	AWC Pigid poble			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AWG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAA	700	17
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA	111111	2.0
	Solidadioi Sizo (IEO) - Mgid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAX	cycles	3x10 ⁶
UL technical data			0,0100	5X10
Motor power for direct	et-on-line control			
powor for difec	for three-phase motor			
	ioi unoo phaoo motor	120V	HP	1.5
		240V	HP	3
		480V	HP	50
		600V	HP	40
	for single-phase motor			
	io. origio pridoo motor	120V	HP	0.5
		240V	HP	1
		Z+0 V		<u> </u>
Ambient conditions				
Ambient conditions Temperature	Operating temperature			
	Operating temperature	min	°C	-25
	Operating temperature	min max	°C °C	-25 +55
	Operating temperature	min max	°C °C	-25 +55

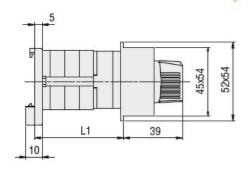




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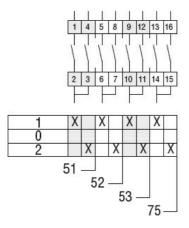
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	

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

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete