



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
_			switches	
Product type designati General characteristics				7GN20
Switching diagram				51 - Changeover switch 1 pole
N° of elements				1
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				Diagramate
Rated insulation voltag				
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	Α	20
Data Lanca Carala alta		UL/CSA	A	20
Rated operational volta			V kV	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			KV	4
Waxiiiiaiii 1030 3120 101	Short chould protection in (gG)	10kA	Α	20
		15kA	Α	16
		25kA	Α	16
Rated short time curre	nt Icw			
		1s	Α	250
Conductivity	150/5N			10/5 mA/V
Operational current le	IEC/EN AC1/AC21A			
	ACT/ACZTA		Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3	220/2201/	1.1.0.7	2
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5 5.5
	Single-phase AC-3	000/0001		
	and a branch see	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
	Single phase AC22A	500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.8
		220/230V	kW	2.5
		220/200 V		





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		380/440V	kW	3.7
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)		_	(1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	B040	220V	A	8 (4)
	DC13	241/	۸	20
		24V 48V	A	20
		48 V 60 V	A	16
			A	12
		110V	A	1
		220V	A	0.4
Dower dissination		440V	A W	0.15
Power dissipation Mechanical features			VV	0.8
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.5
Conductor size	enninais max		INIII	0.5
Conductor Size	AWG - Rigid cable			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	7,,,,	12
	AVVO T TEXABLE CABLE	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIOX	71110	
	Conductor Cizo (120) Trovibre cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	T.I.O.K		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data			- ,	
Motor power for direct-	-on-line control			
	for three-phase motor			
	•	120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
	for single-phase motor	120V	HP	0.75
	for single-phase motor	120V 240V	HP HP	0.75 2
Ambient conditions	for single-phase motor			
Ambient conditions Temperature	for single-phase motor			
	for single-phase motor Operating temperature			
		240V	HP	2

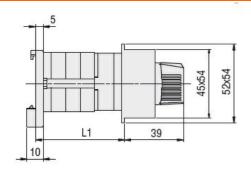




ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

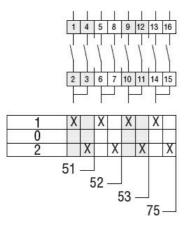
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	

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

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete