

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product designation				Rotary cam switches
Product type designat	ion			7GN20
General characteristic				
Switching diagram				55 - Changeover switch without 0 2 poles
N° of elements				2
Mounting form Contact characteristics				U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Rated insulation voltage				
		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta Conventional free air t	<u> </u>		kV	6
Conventional free air ti	nermai current itn	IEC/EN UL/CSA	A A	20 20
Rated operational volt	age		V	480
Rated operational imp	ulse voltage		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	Α	20
		15kA	Α	16
		25kA	Α	16
Rated short time curre	nt Icw	1s	Α	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	20
	AC15			20
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110V 220/230V	A A	10 8
		380/400V	A	6
Rated operational pow	ver in AC	660/690V	A	1.5
rated operational pow	Three-phase AC-3			
	Tillee pilase Ao-s	220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
	•	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
		1100	IV V V	0.0



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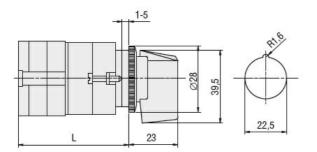
		/		
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curre				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		770 V	W	0.8
Mechanical features			VV	0.0
Terminals screw				M3
Tightening torque for te	orminale may		Nm	0.5
Conductor size	errilinais max		INIII	0.5
Conductor Size	AWC Bigid coblo			
	AWG - Rigid cable	min	AWG	20
	ANNO Florible coble	Max	AWG	12
	AWG - Flexible cable		414/0	20
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	_		
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		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			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
	- 1	min	°C	-25
		111111		



ENERGY AND AUTOMATION

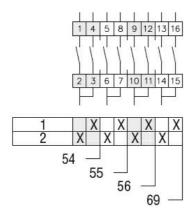
ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 20A, **electric** FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM **FIXING**

	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				



Series	L			
	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