



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product type designation Rotary came witches 70KN20 Product type designation 7 OKN20 Centeral characteristics Switching diagram 92 - ON/OFF witch 4 poles N° of elements U111 - Front mounting with black handle witched from plant for rote claim. 2 mounting with black handle witched from plant for rote claim. 2 mounting with black handle witched from plant for rote claim. 2 mounting with black handle witched from plant for rote claim. 2 mounting with plant for plant for rote claim. 2 mounting with plant for rote claim. 3 mounting plant for				
Product type designation	Product designation			
Semeral characteristics	•			
Switching diagram				7GN20
Switch 4 poles N° of elements 2 Mounting form U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 16				92 - ON/OFF
N° of elements 2 Mounting form U111 - Front mounting with black handle without front plate for hole diam. 22mm fixing Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 20 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 25kA A 16 Rated short time current Icw 1 skA 250 Conductivity 10/5 mA/V Operational current Ie IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 8 38/440V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 3 80/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8	Switching diagram			
Mounting form mounting with black handle without front plate for hole diam. 2 mm fixing Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600 Rated inpulse withstand voltage Uimp kV 66 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 16 UL/C	N° of elements			2
Rated insulation voltage Ui				mounting with black handle without front plate for hole diam.
Rated impulse withstand voltage Uimp KV 690 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN				
Name	Rated insulation voltage Ui	IEC/EN	\ /	000
Rated impulse withstand voltage Uimp			=	
Conventional free air thermal current Ith	Rated impulse withstand voltage Llimp	UL/CSA		
Rated operational voltage V 480			IX V	
Rated operational voltage V		IEC/EN	Α	20
Rated operational impulse voltage kV 4				
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 16 25kA A 16 Rated short time current Icw 1s kA 250 Conductivity 1lo/5 mA/V Operational current Ie IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Single-phase AC-3 Single-phase AC-3	Rated operational voltage		V	480
10kA A 20 15kA A 16 25kA A 250 20 20 20 20 20 20 2	Rated operational impulse voltage		kV	4
15kA	Maximum fuse size for short-circuit protection In (gG)			
Rated short time current Icw 1s				
Rated short time current lcw				
1s kA 250	Rated short time current low	ZOKA	A	10
Conductivity	Nated Short time current low	1s	kA	250
Operational current le IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3	Conductivity			
AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3				
AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3	AC1/AC21A			
110V			Α	20
220/230V A 8 380/400V A 6 660/690V A 1.5	AC15			
380/400V				
Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8				
Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8				
Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8	Rated operational power in AC	000/090 V	A	1.5
220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8	· · · · · · · · · · · · · · · · · · ·			
380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8	The property of the property o	220/230V	kW	3
Single-phase AC-3 110V kW 0.8				
110V kW 0.8		500/690V	kW	5.5
	Single-phase AC-3			
220/230V KW 2.2				
		220/230V	KVV	۷.۷





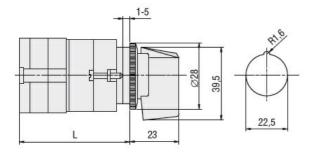
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		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curre	ent in DC			_
	DC21A			
	DOZ 171	48V	Α	20
		60V	A	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	u/	24V	Α	20 (1)
		48V	A	20 (2)
		60V		
			A	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	A	1
		220V		0.4
			A	
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
0011440101 0120	AWG - Rigid cable			
	AVVG - Nigiti Cable		A1A/C	20
		min	AWG	20
	-	Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	(,	min	mm²	0.5
		Max	mm²	2.5
	Conductor sine (IEC) Divides by	IVIAX	111111	۷.0
	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			
3.5 5	for three-phase motor			
	ioi tilloo pilaso motol	4001/	Пυ	1.5
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10



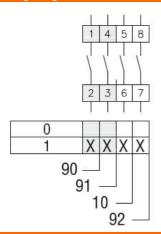
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
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



7GN2092U11

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cCSAus			
EAC	_		•
UL			

ETIM classification

ETIM 8.0 EC001105 - Off-load switch