ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Product designation			Rotary cam
•			switches
Product type designation			7GN40
General characteristics			
O Malling Process			03 - ON/OFF
Switching diagram			spring return
N° of elements			switch 3 poles
N of elements			2 O - Rear
Mounting form			mounting with
Wounting form			black handle
Contact characteristics			DIAGRATICATION OF THE PROPERTY
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	Α	40
	UL/CSA	Α	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	40
	15kA	Α	40
	25kA	Α	40
	50kA	Α	40
	63kA	Α	40
Rated short time current lcw			
	1s	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	000/000		•
	220/230V	kW	8
	380/440V	kW	15
01 1 1 2 2	500/690V	kW	15
Single-phase AC-3	4401	1.347	2
	110V	kW	3
	220/230V	kW	6.5

7GN4003O



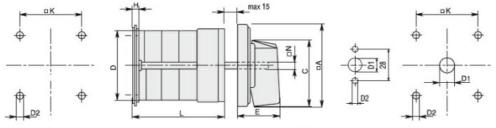
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				_
	=	380/440V	kW	8
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr				
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			_
		24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
MECHanical realures				
Terminals screw				M4
Terminals screw	erminals max		Nm	M4 1.2
	erminals max		Nm	
Terminals screw Tightening torque for to			Nm	
Terminals screw Tightening torque for to	erminals max AWG - Rigid cable	min		1.2
Terminals screw Tightening torque for to			AWG	1.2
Terminals screw Tightening torque for to	AWG - Rigid cable	min Max		1.2
Terminals screw Tightening torque for to		Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for to	AWG - Rigid cable	Max min	AWG AWG	1.2 16 8
Terminals screw Tightening torque for to	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for to	AWG - Rigid cable	Max min Max	AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for to	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	1.2 16 8 16 10 1.5
Terminals screw Tightening torque for to	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for to	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm²	1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	1.2 16 8 16 10 1.5 6 1.5
Terminals screw Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	1.2 16 8 16 10 1.5 6 1.5
Terminals screw Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control	Max min Max min Max	AWG AWG AWG AWG mm² mm²	1.2 16 8 16 10 1.5 6 1.5
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control	min Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control	min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles HP HP HP	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	1.2 16 8 16 10 1.5 6 1.5 10 5x10 ⁶

Dimensions

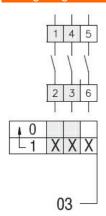
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Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree **IP40** Terminals IP degree IP00



Series Dimensions					L Number of elements															
Selles	□A	С	ØD	ØD2	Е	Ξ	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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



7GN4003O

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EAC			
UL			

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete