



$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
Product type designation     7GN32       General characteristics     03 - ON/OFF       Switching diagram     syring return switch 3 poles       N° of elements     2       Mounting form     0 - Rear mounting with black handle       Contact characteristics     0       Rated insulation voltage Ui     IEC/EN     V       UL/CSA     V     600       Rated insulation voltage Uinp     kV     6       Conventional free air thermal current Ith     IEC/EN     V     600       Rated operational impulse voltage     kV     4     400       Conductivity     10kA     A     32       Conductivity     10/S mA/V     2     50kA     32       Conductivity     10/S mA/V     0     2     2       Conductivity     1	Draduct decignation			Rotary cam
General characteristics   03 - ON/OFF     Switching diagram   spring return switch 3 poles     N° of elements   2     Mounting form   0 - Rear mounting with black handle     Concertain thermal control of the system   0 - Rear mounting with black handle     Concent characteristics   0     Rated insulation voltage Ui   IEC/EN   V     EC/EN   V   600     Rated insulation voltage Uimp   KV   6     Conventional free air thermal current Ith   IEC/EN   A     Conventional free air thermal current Ith   IEC/EN   A     Rated operational voltage   V   400     Rated operational impulse voltage   KV   4     Maximum fuse size for short-circuit protection In (gG)   10KA   A   32     Conductivity   10 KA   A   32     AC15   110V   A   25     220/230V<	-			
Switching diagram     03 - ON/OFF spring return switch 3 poles       N° of elements     2       Mounting form     0 - Rear mounting with black handle       Contact characteristics     0       Rated insulation voltage Ui     IEC/EN       UL/CSA     V     600       Rated insulation voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     X     6       Rated operational voltage     kV     400     Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32     15kA     A     32       Conductivity     10kA     A     32     25kA     A     32       Conductivity     10kA     A     32     25kA     A     32       Conductivity     10/5 mA/V     00/5 mA/V     00/5 mA/V     00/5 mA/V       Operational current le IEC/EN     A     32     22/2/2/0 V     A     20       AC1/AC21A     A     32     22/2/2/2/0 V     A     20     380/400V     A <th></th> <th></th> <th></th> <th>7GN32</th>				7GN32
Switching diagramspring return switch 3 polesN° of elements2Mounting formO - Rear mounting with black handleContact characteristicsIEC/ENRated insulation voltage UiIEC/ENQuitCSAV600UL/CSAConventional free air thermal current IthIEC/ENRated operational voltageV480400Rated operational voltageKV6KVConventional free air thermal current IthIEC/ENA32UL/CSAA40Rated operational voltageKV4Maximum fuse size for short-circuit protection In (gG)10kAA3225kA25kA3225kAA3220/230VAct15110VA25220/230VA20/230VA20/230VA20/230VA220/230VKW410Single-phase AC-320/230V20/230VKW20/230VKW110VKW20/230VKW110VKW20/230VKW110VKW20/230VKW110VKW20/230VKW110VKW20/230VKW20/230VKW20/230VKW20/230VKW20/230VKW20/230VKW20/230V <td< td=""><td>General characteristics</td><td></td><td></td><td>00 01/055</td></td<>	General characteristics			00 01/055
N° of elements     2       Mounting form     O - Rear mounting with black handle       Contact characteristics     IEC/EN     V     630       Rated insulation voltage Ui     IEC/EN     V     630       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     KV     6     6       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     KV     4     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       16kA     A     32     25kA     A     32       25kA     A     32     32     32     32       Rated operational woltage     KV     4     4     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       16kA     A     32     32     32       Rated short time current lcw     1s     KA     800       Conductivity     10/5 mA/V     32     330/400V     20<	Switching diagram			
N° of elements     2       Mounting form     O - Rear mounting with black handle       Contact characteristics     mounting with black handle       Rated insulation voltage Ui     IEC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     690       Rated insulation voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     480     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32       Conductivity     1s     kA     800     225kA     32       Conductivity     1s     kA     800     220/230V     A     20       Operational current le     AC15     110V     A     25     220/230V     A     20       Rated operational power in AC     Three-phase AC-3     220/230V     A     20     380/440V     KW     11       Single-phase AC-3     110V     KW     2.2				
Mounting form     mounting with black handle       Contact characteristics     IEC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     690       Rated inpulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     480     40       Rated operational voltage     V     480     40       Rated operational impulse voltage     KV     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32       15kA     A     32     15kA     A     32       Conductivity     1s     kA     800     0       Conductivity     1s     kA     20     380/400V     A     10       AC15     10V     A     25	N° of elements			
black handle       Contact characteristics       Rated insulation voltage Ui       IEC/EN     V     690       Conventional free air thermal current Ith     IEC/EN     A     32       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     480     A     32       Rated operational voltage     K/V     4     A     32       Rated operational impulse voltage     K/V     4     A     32       Rated operational impulse voltage     K/V     4     A     32       Stack A     32     32     32     32     32       Stack as post short-circuit protection In (gG)     10kA     A     32     32       Rated short time current Icw     1     10/5 mA/V     00     32       Quertational current Icw     1     KA     800     2       AC1/AC21A     4     32     32     330/400V     A     10       AC15     110V     A     2     2 <th< td=""><td></td><td></td><td></td><td>O - Rear</td></th<>				O - Rear
Contact characteristics       Rated insulation voltage Ui       IEC/EN     V     690       UL/CSA     V     690       Conventional right withstand voltage Uimp     KV     6       Conventional free air thermal current Ith       IEC/EN     A     32       UL/CSA     A     40       Rated operational voltage     KV     4       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)       10kA     A     32       TokA     A     32       SokA     A     32       SokA     A     32       Conductivity     10/5 mA/V       Operational current Icw     1     SkA     8     20/230V     A     32       Conductivity     10/5 mA/V     Operational current Icw     2 <tr< td=""><td>Mounting form</td><td></td><td></td><td></td></tr<>	Mounting form			
Rated insulation voltage Ui     IEC/EN     V     690       UL/CSA     V     690       Conventional free air thermal current Ith       IEC/EN     A     32       Conventional free air thermal current Ith       IEC/EN     A     32       UL/CSA     A     40       Rated operational voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32       Tated short time current Icw       Tated short time current Icw       Conductivity     10/5 mA/V       Operational current Ic/EN       AC1/AC21A     A     32       AC1/AC21A     A     32       AC1/AC21A     A     32       AC1/AC21A     A     32       AC15     10/V     A     32       AC1/AC21A     A				black handle
IEC/EN     V     690       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     32       UL/CSA     A     40     Rated operational voltage     V     480       Rated operational voltage     KV     4     40     Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32     25kA     A     32       Conductivity     1s     kA     800     200/58/A     32     25kA     A     32       Rated short time current Icw     1s     kA     800     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0				
UL/CSA     V     600       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     V     480       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       15kA     A     32     25kA     A     32       Conductivity     10kA     A     32     25kA     A     32       Rated short time current lcw     1s     kA     800     10/5 mA/V       Operational current le IEC/EN     A     32     10/5 mA/V     00/5 mA/V       Operational current le IEC/EN     A     32     220/230V     A     20       AC1/AC21A	Rated insulation voltage Ui		.,	
Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current lth     IEC/EN     A     32       UL/CSA     A     40       Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       15kA     A     32     25kA     A     32       25kA     A     32     50kA     A     32       Conductivity     10/5 mA/V     00/5 mA/V     00/5 mA/V       Operational current lew     1s     kA     800       Conductivity     10/5 mA/V     00/5 mA/V     00/5 mA/V       Operational current le IEC/EN     4     32     220/230V     A     20       380/400V     A     10     660/690V     A     2       Rated operational power in AC     1     220/230V     KW     7.5       380/440V     kW     11     500/690V     KW     11       500/690V     kW				
Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     V     480       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       10kA     A     32     25kA     A     32       25kA     A     32     25kA     A     32       Rated short time current lcw     1s     kA     800     0       Conductivity     10/5 mA/V     00/5 mA/V     0     0       Operational current le IEC/EN     A     32     2     2       AC1/AC21A     A     32     2     2     2     2     2     2     2     2     2     2     2     2     2     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3	Poted impulse withotend voltage Llimp	UL/CSA		
IEC/EN     A     32       Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32       15kA     A     32     15kA     A     32       Rated short time current lcw     10kA     A     32       Conductivity     10'5 mA/V     0       Operational current le IEC/EN     A     32       AC15     10V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     2     2     2     2       Rated operational power in AC     Three-phase AC-3     220/230V     KW     7.5     380/40V     11       Single-phase AC-3     110V     kW     2.2     220/230V     KW     4			ĸv	0
UL/CSA     A     40       Rated operational impulse voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       15kA     A     32     25kA     A     32       25kA     A     32     50kA     A     32       Rated short time current lcw     1s     kA     800     600       Conductivity     10/5 mA/V     10/5 mA/V     0     10/5 mA/V     0       Operational current le IEC/EN     A     32     10/5 mA/V     10/5 mA/V     0       AC1/AC21A     A     32     220/230V     A     20     380/400V     A     10       660/690V     A     2     20     380/400V     A     2     20       Rated operational power in AC     1     10     660/690V     A     2       Rated operational power in AC     1     1     500/690V     KW     11       Single-phase AC-3     10V <t< td=""><td></td><td>IEC/EN</td><td>Δ</td><td>32</td></t<>		IEC/EN	Δ	32
Rated operational voltage     V     480       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     32       15kA     A     32     25kA     A     32       25kA     A     32     50kA     A     32       Rated short time current lcw     1s     kA     800     0       Conductivity     1s     kA     800     0       Operational current le IEC/EN     10/5 mA/V     0/5 mA/V     0       Querational current le IEC/EN     A     32     220/230V     A     20       380/400V     A     10     660/690V     A     2     20       Rated operational power in AC     1     10     660/690V     A     2       Rated operational power in AC     1     1     500/690V     KW     11       Single-phase AC-3     10V     KW     11     500/690V     KW     11       Single-phase AC-3     110V     KW     2.2     220/230V </td <td></td> <td></td> <td></td> <td></td>				
Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       15kA     A     32     25kA     A     32       Rated short time current lcw     1s     kA     800     600       Conductivity     10/5 mA/V     10/5 mA/V     700       Operational current le IEC/EN     AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     20/230V     KW     7.5     380/40V     KW     11       Single-phase AC-3     220/230V     KW     11     500/690V     W     11       Single-phase AC-3     110V     KW     2.2       Single-phase AC-3	Rated operational voltage			
Maximum fuse size for short-circuit protection ln (gG)     10kA     A     32       15kA     A     32     15kA     A     32       Rated short time current lcw     50kA     A     32       Conductivity     1s     kA     800       Operational current le IEC/EN     10/5 mA/V     10/5 mA/V       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     20     380/400V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     kW     7.5     380/440V     kW     11       Single-phase AC-3     110V     kW     2.2     220/230V     kW     11			kV	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		10kA	А	32
50kA     A     32       Rated short time current lcw     1s     kA     800       Conductivity     10/5 mA/V       Operational current le IEC/EN     4     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     380/400V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     KW     7.5     380/440V     kW     11       Single-phase AC-3     110V     KW     2.2     220/230V     kW     4		15kA	А	32
Rated short time current lcw     1s     kA     800       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     20/230V     KW     7.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11     500/690V     kW     11       Single-phase AC-3       110V     kW     2.2     220/230V     kW     4			А	
1s     kA     800       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     2     2     2     2     2     2     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3     3		50kA	A	32
Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     220/230V     KW     7.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     7.5       380/440V     kW     11     500/690V     kW     11       Single-phase AC-3       110V     kW     2.2     220/230V     kW     4	Rated short time current Icw			
AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     2     220/230V     KW     7.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     7.5       380/440V     kW     11       500/690V     kW     11       Single-phase AC-3       110V     kW     2.2       220/230V     kW     4		1s	kA	
AC1/AC21A AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4				10/5 mA/V
AC15   110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4	•			
AC15   110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4	ACT/ACZTA		۸	30
110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4	AC15			52
220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4		110V	А	25
380/400V   A   10     660/690V   A   2     Rated operational power in AC     Three-phase AC-3     220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4				
Rated operational power in AC     Three-phase AC-3     220/230V     kW     7.5     380/440V     kW     11     500/690V     kW     11     500/690V     kW     11     500/2000     kW     2.2     220/230V     kW     4     4				
Three-phase AC-3   220/230V   kW   7.5     380/440V   kW   11     500/690V   kW   11     Single-phase AC-3     110V   kW   2.2     220/230V   kW   4		660/690V	А	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4	Rated operational power in AC			
380/440V   kW   11     500/690V   kW   11     Single-phase AC-3   110V   kW   2.2     220/230V   kW   4				
500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4				
Single-phase AC-3 110V kW 2.2 220/230V kW 4				
110V kW 2.2 220/230V kW 4		500/690V	KVV	11
220/230V kW 4	Single-phase AC-3	110\/	k\\/	2.2

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



7GN3203O ROTARY CAM S

SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 32A, FOR	
REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM	

	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A	000,0001		
	Oligie phase A025A	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational c				
	DC21A			
		48V	А	32
		60V	A	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	32 (2)
		40V 60V	A	
		110V		32 (3)
			A	15 (3)
		220V	A	12 (4)
	DC13			
		24V	A	32
		48V	Α	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				110
Terminals screw				M4
Tightening torque fo	r terminale max		Nm	1.2
				1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	Ινιάλ		•
	Conductor Size (IEC) - Rigid Cable		mm <sup>2</sup>	1 5
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		400V 600V	HP	15
	for single phase motor	0007	I IF	15
	for single-phase motor	1001		0
		120V	HP	2
		240V	HP	5

7GN3203O



ENERGY AND AUTOMATION

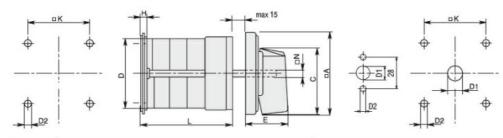
7GN3203O electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Ambient conditions

## Temperature

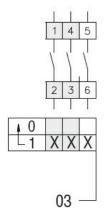
Dimension

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



Series				Dimer	nsions								LI	Number	of eler	nents				
Series	□A	С	ØD	ØD2	Е	Н	۵K	۵N	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	l compliance
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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



ENERGY AND AUTOMATION

**7GN32030** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete