

## **7GN631090** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

N° of elements 2 N° of elements 2 Mounting form 0 - Rear mounting with black handle Contact characteristics Rated insulation voltage Ui Rated insulation voltage Uimp kV 690 UL/CSA V 600 Rated inpulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 63 UL/CSA A 60 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 63 15kA A 63 25kA A 63 50kA A 63 8ated short time current Icw 1 s A 1600	Product designation				Rotary cam	
Central characteristics         109 - Mutii-step 0-1-2-3-4 1 pole           Switching diagram         0-1-2-3-4 1 pole           N° of elements         2           Mounting form         0- Rear mounting with black handle           Contact characteristics         0- Rear mounting with black handle           Rated insulation voltage Ui         IEC/EN         V         680           Quices withstand voltage Uimp         KV         6         6           Conventional free air thermal current Ith         IEC/EN         A         63           Rated operational impulse voltage         KV         4         63           Conductivity         10kA         A         63           Conductivity         10KA         A         63           Conductivity         10/5 mA/V         00/5 mA/V           Operational current le IEC/EN         A         63           AC15         110V         A         32           380/400V         A         15           660/690V	Product type designa	tion				
SMICING diagram         0-1-2-3-4 1 pole           N° of elements         2           Mounting form         0-Rear mounting with black handle           Contact characteristics         IEC/EN         V           Rated insulation voltage Ui         IEC/EN         V         690           Qurces         V         600         UL/CSA         V         600           Rated insulation voltage Uimp         KV         6         6         6           Conventional free air thermal current Ith         IEC/EN         A         60         6           Rated operational voltage         KV         4         6         6         6           Rated operational voltage         KV         4         6         6         6           Rated operational voltage         KV         4         6         6         6           Rated short time current low         1s kA         6         6         6         6         6           Conductivity         1s         A         1600         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6						
Mounting form         O - Rear mounting with black handle           Contact characteristics         0           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         63           Rated operational voltage         V         480         4           Rated operational impulse voltage         KV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Rated operational impulse voltage         KV         4         63           Rated operational impulse voltage         KV         4         63           Rated operational impulse voltage         KV         4         63           15kA         A         63         63         63           Conductivity         10kA         A         63         63           Conductivity         10/5 mA/V         00         0         0           Conductivity         10/5 mA/V         0         10         32           AC15         110V         A         32         20/230V         A         15           Rated operati	Switching diagram					
Mounting form         mounting with black handle           Contact characteristics         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6         6           Conventional free air thermal current Ith         IEC/EN         A         63           Rated operational voltage         V         480         480           Rated operational impulse voltage         KV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         25kA         A         63           20kA         A         63         3         3         3           Conductivity         1s         A         1680         63         3           Conductivity         1s         A         1600         3         3           Conductivity         1s         A         1600         3         3           Conductivity         1s         A         1600         3         3         3           Conductivity         1s         A         220/230V         A         25         3         380/400V         A         15         3         3         3	N° of elements					
IEC/EN         V         690           LEC/EN         V         690           Conventional free air thermal current lth           IEC/EN         A         63           Conventional rec air thermal current lth           IEC/EN         A         63           Conventional impulse voltage         KV         4           Rated operational impulse voltage         KV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         63           Conductivity         Conductivity         4         KV         4           Rated short time current lcw         10kA         A         63           Conductivity         10/5 mA/V           Operational current lcW         1           A         63           A         63           Conductivity         10/5 mA/V           Operational current lcW         2           A         63           A         A <th cols<="" td=""><td>Mounting form</td><td></td><td></td><td></td><td>mounting with</td></th>	<td>Mounting form</td> <td></td> <td></td> <td></td> <td>mounting with</td>	Mounting form				mounting with
IEC/EN         V         690 (UL/CSA           Rated impulse withstand voltage Uimp         KV         6           Conventional free air thermal current lth         IEC/EN         A         63           Rated operational voltage         V         480         4           Rated operational impulse voltage         KV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         63           25kA         A         63         50kA         A         63           Conductivity         10kA         A         63         63           Conductivity         1s         A         1600         63           Conductivity         10/5 mA/V         0perational current le IEC/EN         A         63           AC15         110V         A         32         220/230V         A         25           380/400V         A         15         660/690V         A         4           Rated operational power in AC         Three-phase AC-3         110V         A         32           220/230V         kW         11.5         380/440V         KW         11.5           Single-phase AC-3         110V         KW         3.7         320/2	Contact characteristic	S				
UL/CSA         V         600           Rated inpulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         63           Rated operational voltage         V         480         60           Rated operational inpulse voltage         KV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         25kA         A         63           25kA         A         63         25kA         A         63           63kA         A         63         3         3         3           Rated short time current Icw         1s         A         1600         10/5 mA/V           Operational current Ic IEC/EN         A         63         4         4           AC1/AC21A         A         63         4         4           AC1/AC21A         A         63         4         4           Rated operational power in AC         10/5 mA/V         38/400V         A         15           660/680V         A         15         50/60/680V         4         5           Single-phase AC-3         1	Rated insulation volta	ge Ui				
Rated impulse withstand voltage Uimp         kV         6           Conventional free air thermal current lth         IEC/EN         A         60           Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         63           15kA         A         63         25kA         A         63           Rated short time current lcw         1s         A         163         63           Conductivity         1s         A         1600         663           Conductivity         1s         A         1600         20/230V         A         25           380/400V         A         15         660/690V         A         4         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11.5         500/690V         KW         18.5           Single-phase AC-3         110V         KW         3.7         220/230V         kW         11.5           Three-phase AC23A         200/230V         KW         11.5         500/690V         4         500/690V         500/690V         12.5         380/44				V		
Conventional free air thermal current lth         IEC/EN         A         63           Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         25kA         A         63           25kA         A         63         63kA         A         63           Rated short time current lcw         1s         A         1600         00           Conductivity         1s         A         100         00           Conductivity         1s         A         15         63           AC1/AC21A         A         63         32         380/400V         A         15           Rated operational power in AC         Three-phase AC-3         220/230V         A         4         50           Single-phase AC-3         110V         KW         11.5         380/440V         kW         11.5           Three-phase AC23A         220/230V         KW         11.5         380/440V         kW         30           Single-phase AC23A         220/230V         kW         30         500/			UL/CSA			
IEC/EN         A         63           Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         25kA         A         63           25kA         A         63         63kA         A         63           8ated short time current lcw         1s         A         1600         63kA         A         63           Conductivity         10/5 mA/V         10/5 mA/V         10/5 mA/V         0/9 mA/V         0/9 mA/V           Operational current le IEC/EN         A         63         63         63         63           AC15         10/V         A         32         220/230/V         A         25         380/400/V         A         15           660/690V         A         4         15         660/690/V         A         4           Rated operational power in AC         10/V         380/40/V         KW         18.5         5           Single-phase AC-3         110/V         KW         3.7         220/230/V         KW         18.5 <t< td=""><td></td><td></td><td></td><td>kV</td><td>6</td></t<>				kV	6	
UL/CSA         A         60           Rated operational impulse voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         25kA         A         63           25kA         A         63         63         63           63kA         A         63         63         63           63kA         A         63         63         63           Conductivity         10's MAV         0         60         0           Operational current let IEC/EN         A         63         63           AC15         110V         A         32         220/230V         A         25           380/400V         A         15         660/690V         A         4           Rated operational power in AC         110V         A         32         220/230V         kW         11           380/400V         KW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.	Conventional free air	thermal current Ith				
Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         63           15kA         A         63         25kA         A         63           25kA         A         63         30kA         A         63           Rated short time current lcw         1s         A         1600         10/5 mA/V           Operational current le IEC/EN         10/5 mA/V         10/5 mA/V         00/5 mA/V           Operational current le IEC/EN         A         63         4         63           AC15         110V         A         32         220/230V         A         15           A60/690V         A         15         660/690V         4         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.5           Single-phase AC23A         220/230V         kW         11.5         11.5						
Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           15kA         A         63         15kA         A         63           25kA         A         63         63kA         A         63           63kA         A         63         63kA         A         63           Conductivity         1s         A         1600         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A           AC15         110V         A         32         220/230V         A           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         220/230V         kW         11.5         380/440V         kW         11.5			UL/CSA			
Maximum fuse size for short-circuit protection ln (gG)       10kA       A       63         15kA       A       63         25kA       A       63         50kA       A       63         63kA       A       63         Conductivity       105 mA/V         Operational current le IEC/EN       A       63         AC1/AC21A       A       63         AC15       110V       A       32         220/230V       A       25       380/400V       A       15         660/690V       A       4       15       660/690V       A       4         Rated operational power in AC         Three-phase AC-3       220/230V       kW       18.5         Single-phase AC-3       110V       KW       3.7         220/230V       kW       18.5       50/690V       kW       11.5         Three-phase AC-3       110V       kW       3.7       220/230V       kW       12.5       380/440V       kW       15.5		-				
10kA         A         63           15kA         A         63           25kA         A         63           50kA         A         63           63kA         A         63           600         10/5 mA/V           Operational current le IEC/EN         10/5 mA/V           AC15         10/2 mA/V           220/230V         A         32           220/230V         A         15           AC15         110V         A         32           220/230V         A         15         660/690V         A           Rated operational power in AC         1         380/440V         kW         18.5           Single-phase AC-3         110V         kW         3.7           220/230V         kW         18.5         380/440V         kW         15           Three-phase AC23A         220/230V         kW         12.5         380/440V         kW         30 <t< td=""><td>·</td><td>-</td><td></td><td>kV</td><td>4</td></t<>	·	-		kV	4	
15kA         A         63           25kA         A         63           63k         A         63           63kA         A         63           Rated short time current low         1s         A         1600           Conductivity         10/5 mA/V         10/5 mA/V           Operational current le IEC/EN         A         63           AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         15         660/690V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11         380/440V         kW         18.5           Single-phase AC-3         110V         KW         3.7         220/230V         kW         11.5           Three-phase AC-3         110V         KW         30         30         30           Single-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         110V         KW         30         30 <td>Maximum fuse size to</td> <td>or short-circuit protection in (gG)</td> <td>1014</td> <td>۸</td> <td><u></u></td>	Maximum fuse size to	or short-circuit protection in (gG)	1014	۸	<u></u>	
25kA         A         63           SokA         A         63           Rated short time current lcw         1s         A         1600           Conductivity         1s         A         1600           Conductivity         10/5 mA/V         0           Operational current le IEC/EN         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A           Rated operational power in AC         15         660/690V         A         4           Rated operational power in AC         220/230V         kW         11         380/440V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           380/440V         kW         11.5         380/440V         30         30           Three-phase AC23A         220/230V         kW         12.5         380/440V         30         30           Single-phase AC23A         10V         kW         30         30         30 <td< td=""><td></td><td></td><td>-</td><td></td><td></td></td<>			-			
50kA         A         63 63kA         A         63 63           Rated short time current lcw         1s         A         1600           Conductivity         1s         A         1600           Operational current le IEC/EN AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         4         4           Rated operational power in AC         Three-phase AC-3         220/230V         KW         11           380/400V         KW         18.5         500/690V         KW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         220/230V         kW         11.5         380/440V         kW         30           Single-phase AC23A         220/230V         kW         30         30         30           Single-phase AC23A         110V         kW         30         30         30						
63kA         A         63           Rated short time current lcw         1s         A         1600           Conductivity         10/5 mA/V         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         15         660/690V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11         380/440V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           Single-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         110V         kW         3.7         30/440V         kW         30         30/440V						
Rated short time current lcw         1s         A         1600           Conductivity         10/5 mA/V         00/5 mA/V           Operational current le IEC/EN         A         63           AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         660/690V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         220/230V         kW         11.5         380/440V         kW         30           Single-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         110V         kW         3.7         30/40V         kW						
1s         A         1600           Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A           AC1/AC21A         A           AC15         110V           AC15         110V           Rated operational power in AC         380/400V           Three-phase AC-3         220/230V           Single-phase AC-3         220/230V           Single-phase AC-3         110V           KW         11           380/440V         kW           100/5 mA/V         A           220/230V         A           220/230V         A           220/230V         KW           11         380/440V           12         380/440V           11         380/440V           110V         KW           380/440V         kW           11.5         110V           Three-phase AC23A         220/230V           220/230V         KW           11.5         380/440V           Three-phase AC23A         220/230V           380/440V         kW           380/440V         kW           380/440V         kW           38	Rated short time curr	ent Icw	00141			
Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         660/690V         A         4           Rated operational power in AC           Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         kW         12.5           Single-phase AC23A         220/230V         kW         30         500/690V         kW         30           Single-phase AC23A         110V         kW         3.7         30         30         30			1s	А	1600	
AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         660/690V         A         4           Rated operational power in AC           Three-phase AC-3         220/230V         KW         11           380/440V         KW         18.5         500/690V         KW         18.5           Single-phase AC-3         110V         KW         3.7         220/230V         KW         6.5           380/440V         KW         15.5         380/440V         KW         15.5           Three-phase AC23A         220/230V         KW         12.5         380/440V         KW         30           500/690V         KW         30         30         500/690V         KW         30           Single-phase AC23A         220/230V         KW         12.5         380/440V         XW         30           Single-phase AC23A         220/230V         KW         30         30         30           Single-phase AC23A         110V         KW         30         30         30 <td>Conductivity</td> <td></td> <td></td> <td></td> <td>10/5 mA/V</td>	Conductivity				10/5 mA/V	
A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         660/690V         A         4           Rated operational power in AC           Three-phase AC-3           220/230V         kW         11           380/440V         kW         18.5           Single-phase AC-3         110V         kW         3.7           220/230V         kW         11.5         11.5           Three-phase AC-3           110V         kW         3.7           220/230V         kW         12.5           380/440V         kW         11.5           Three-phase AC23A           220/230V         kW         12.5           380/440V         kW         30           500/690V         kW         30           500/690V         kW         30           500/690V         kW         30           500/690V         kW         3.7		e IEC/EN				
AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         AC15         AC16         AC15         AC15         AC15         AC15         AC15         AC15         AC16         AC15         AC16         AC15         AC16         AC15         AC16         AC16         AC16         AC16         AC16         AC16         AC16         AC16		AC1/AC21A				
110V       A       32         220/230V       A       25         380/400V       A       15         660/690V       A       4         Rated operational power in AC         Three-phase AC-3         220/230V       kW       11         380/440V       kW       18.5         500/690V       kW       18.5         Single-phase AC-3         110V       kW       3.7         220/230V       kW       11.5         Three-phase AC23A         Three-phase AC23A         220/230V       kW         220/230V       kW       11.5         Three-phase AC23A         220/230V       kW       12.5         380/440V       kW       30       30         Single-phase AC23A         110V       kW       3.7				А	63	
220/230V         A         25           380/400V         A         15           660/690V         A         4           Rated operational power in AC           Three-phase AC-3         220/230V         kW         11           380/400V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         6.5           380/440V         kW         11.5         11.5         500/690V         kW         12.5           Single-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         110V         kW         30           Single-phase AC23A		AC15				
380/400V         A         15           660/690V         A         4           Rated operational power in AC Three-phase AC-3           220/230V         kW         11           380/440V         kW         18.5           500/690V         kW         18.5           Single-phase AC-3           110V         kW         3.7           220/230V         kW         11.5           Three-phase AC23A           220/230V         kW         12.5           380/440V         kW         30           Single-phase AC23A           220/230V         kW           AC23A           210V         kW         30           Single-phase AC23A           XW           XW           XW           Single-phase AC23A           XW           Single-phase AC23A				А		
660/690V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3         110V         kW         3.7           220/230V         kW         11.5           Three-phase AC23A         220/230V         kW         12.5           380/440V         kW         30         30           Single-phase AC23A         110V         kW         3.7						
Three-phase AC-3         220/230V         kW         11           380/440V         kW         18.5         500/690V         kW         18.5           Single-phase AC-3           110V         kW         3.7           220/230V         kW         6.5         380/440V         kW         11.5           Three-phase AC23A           220/230V         kW         12.5           380/440V         kW         30         500/690V         kW         30           Single-phase AC23A           Single-phase AC23A           Single-phase AC23A           Single-phase AC23A						
Three-phase AC-3       220/230V       kW       11         380/440V       kW       18.5         500/690V       kW       18.5         Single-phase AC-3       110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30       500/690V       kW       30         Single-phase AC23A       110V       kW       3.7			660/690V	A	4	
220/230V       kW       11         380/440V       kW       18.5         500/690V       kW       18.5         Single-phase AC-3       110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7	Rated operational por					
380/440V       kW       18.5         500/690V       kW       18.5         Single-phase AC-3       110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7		Three-phase AC-3	000/000)/	1.3.47	44	
500/690V       kW       18.5         Single-phase AC-3       110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7						
Single-phase AC-3       110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7						
110V       kW       3.7         220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7		Single-phase AC-3	300/090V	r v v	10.0	
220/230V       kW       6.5         380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7		Single-phase AC-3	110\/	k\//	37	
380/440V       kW       11.5         Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7						
Three-phase AC23A       220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7						
220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Three-phase AC23A	000,1101			
380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7		····	220/230V	kW	12.5	
500/690V kW 30 Single-phase AC23A 110V kW 3.7						
Single-phase AC23A 110V kW 3.7						
		Single-phase AC23A				
220/230V kW 7.5				kW	3.7	
			220/230V	kW	7.5	

7GN63109O

ENERGY AND AUTOMATION

## **7GN631090** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

		380/440V	kW	12.5
Rated operational c	urrent in DC			
	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	0.417	•	FO (4)
		24V 48V	A	50 (1)
		48 V 60 V	A A	50 (2) 50 (3)
		110V	A	
		220V	A	25 (3) 15 (4)
	DC13	2201	~	13 (4)
	DC13	24V	А	63
		48V	A	40
		40V 60V	A	28
		110V	A	3.3
Power dissipation		1101	W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	or terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	<b>9 1 1 1</b>	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	1001		0
		120V	HP	3
Ambiont conditions		240V	HP	10
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-25
		min	°C	-25 +55
	Storage temperature	max	U	<del>1</del> 00
	Storage temperature	min	°C	-40
		max	°C	-40 +70
		mdX	U	

7GN63109O

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



### 7GN63109O ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

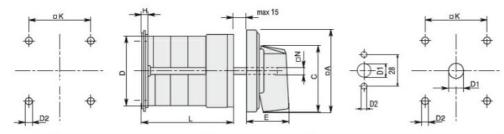
IP40 IP00

Resistance & Protection

### Frontal IP degree

Terminals IP degree

Dimensions



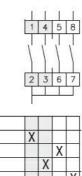
Series	Dimensions					L Number of elements														
Series	□A	C	ØD	ØD2	E	Н	۵K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
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

0 1

23

4



#### Certifications and compliance

109

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		
		EC001029 -
ETIM 8.0		Selector switch,

# complete

### ETIM 8

7GN63109O