

# **7GN12930** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation switches Product type designation 7/2011 Product type designation 7/2011 Switching diagram 9/3-1 Multi-step 1 2-3-3 poles 7 Mounting form 0 - Rear mounting with black handle Contact characteristics Rated insulation voltage UI IEC/EN V 690 ULCSA V 600 Rated insulation voltage UI IEC/EN A 16 Conventional free air thermal current Ith IEC/EN A 16 Conventional free air thermal current Ith IEC/EN A 16 Conventional inputse voltage (Conventional inputse voltage (Conventional Inputse voltage) (Conventional inputse) (Co					<sup>a</sup> Rotary cam
General characteristics         93 - Multi-step 1: 2-3 3 poles           Switching diagram         2-3 3 poles           N° of elements         5           Mounting form         0 - Rear mounting with black handle           Contact characteristics         0           Rated insulation voltage Ui         IEC/EN         V         690           UL/CSA         V         690         0           Querce characteristics         600         0         0           Rated insulation voltage Uimp         KV         6         0           Conventional free air thermal current th         IEC/EN         A         16           Rated operational impulse voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10KA         A         16           15KA         A         10         25kA         A           Conductivity         10/5 mA/V         00         220/230V         A         8           Querce characteristics         380/400V         A         4         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         KW         2.5         380/440V         KV         4 <tr< td=""><td>-</td><td></td><td></td><td></td><td></td></tr<>	-				
Switching diagram         93 - Multi-step 1- 2-3 3 poles           N° of elements         5           Mounting form         mounting with black handle           Contact characteristics         mounting with black handle           Rated insulation voltage Ui         IEC/EN         V           Rated inpulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Qu/CSA         A         16         U/CSA         A         16           Rated operational woltage         KV         4         4         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16         15kA         A         10           Rated short time current Icw         1s         A         200         200         200         200           Conductivity         1s         A         200					7GN12
SMIC dependence         2-3 3 poles           N° of elements         5           Mounting form         0 - Rear mounting with black handle           Contact charactoristics         1           Rated insulation voltage Ui         1           EC/EN         V         690           UL/CSA         V         690           Conventional free air thermal current Ith         1         1           Rated inpulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         1         1           Rated operational voltage         KV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A           Rated short time current Icw         1         1           Conductivity         10/5 mA/V         0           Operational current Ic Ite IEC/EN         A         16           AC1/AC21A         A         16           AC13         100V         A         1           AC16         220/230V         A         8           380/400V         A         4         500/690V         4           Sourceptore hase AC33         110V         KW         4           220/230V					93 - Multi-step 1-
Mounting form         O - Rear mounting with black handle           Contact characteristics         IEC/EN         V         600           Rated insulation voltage Ui         IEC/EN         V         600           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational voltage         KV         4         A           Rated operational impulse voltage         kV         4         A           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current low         1s         A         200         Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         16         A         16           AC1/AC21A         A         10         220/230V         A         8         380/40V         A         4           Geolegov A         1.5         A         10         220/230V         A         4           Gonductivity         2.2         380/440V         KW         4         500/690V         kW<	Switching diagram				
Mounting form         mounting with black handle           Contact characteristics         E           Rated insulation voltage Ui         IEC/EN         V         690           ILU/CSA         V         600         E           Conventional free air thermal current Ith         IEC/EN         A         16           Cated inpulse withstand voltage Uimp         KV         6         E           Rated operational inpulse voltage         V         480         E           Rated operational uoltage         V         480         E           Rated operational impulse voltage         KV         4         E           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         E         E           Conductivity         10         MAX         10         E           Conductivity         10/5 mAV         OP         E         E           AC1/AC21A         A         16         E         E           AC1/AC21A         10         220/230V         A         8           220/230V         A         10         220/230V         KW         4           Single-phase AC-3	N° of elements				
Contact characteristics         black handle           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational voltage         V         480         4           Rated operational impulse voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current Icw         1s         A         200         0           Conductivity         10/5 mA/V         0         10         10           AC1/AC21A         A         16         16         16           AC16         110V         KW         4         60/690V	Manuatia a farma				
Contact characteristics           Rated insulation voltage Ui         IEC/EN         V         690           Rated inpulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational voltage         V         480         480           Rated operational impulse voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10KA         A         16           15KA         A         10         25KA         A         10           Rated short time current lcw         1s         A         200         00////>Conductivity         10//s mA/V           Operational current le IEC/EN         A         16         10//s mA/V         0//s mA/V           AC1/AC21A         A         16         10//s mA/V         20//230//s A         8           AC1/AC21A         A         10         220//230//s A         8         380/400//s A           Actis         Three-phase AC-3         10//s M         10//s M         220//230//s KW         2.5           Single-phase AC-3         100//s	Mounting form				
IEC/EN         V         690 (U/CSA           Rated impulse withstand voltage Uimp         KV         6           Conventional free air thermal current lth         IEC/EN         A         16           Rated operational voltage         V         480         4           Rated operational voltage         V         480         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15kA         A         10         10         10           Rated short time current lcw         1s         A         200           Conductivity         1s         A         200           Conductivity         1s         A         10           Rated operational current le IEC/EN         4         16           AC15         110V         A         10           220/230V         A         8         380/440V         A           AC15         110V         A         10           220/230V         A         8         380/440V         4           660/690V         A         1.5         5         5           Single-phase AC-3         10V         KW         4         50	Contact characteristic	S			
UL/CSA         V         600           Rated inpulse withstand voltage Uimp         kV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational voltage         V         480         8           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current low         1s         A         200         Conductivity         10/5 mA/V           Conductivity         1s         A         200         Conductivity         10/5 mA/V           Operational current le IEC/EN         A         16         A         16           AC1/AC21A         A         10         220/230V         A         8           AC1/AC21A         A         10         220/230V         A         4           AG0/60/00V         A         1.5         S         8         380/400V         A         5           Single-phase AC-3         110V         KW         2.5         380/440V         KW         5.5           S	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Uimp         kV         6           Conventional lfee air thermal current lth         IEC/EN         A         16           Rated operational voltage         V         480           Rated operational impulse voltage         KV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           10         25kA         A         10         25kA         A         10           Rated short time current low         1s         A         200         200/200V         A         16           Conductivity         10/5 mA/V         10/5 mA/V         0         10/5 mA/V         0           Operational current le IEC/EN         A         16         16         16         16           AC1/AC21A         A         10         220/230V         A         8         380/400V         A         4           Goldegov         A         1.5         380/400V         A         4         55           Single-phase AC-3         220/230V         KW         2.5         380/40V         4         500/690V         4         55           Single-phase AC-3         100V         KW         2.2         380/40V			IEC/EN	V	690
Conventional free air thermal current lth         IEC/EN         A         16           Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         1s         A         200         200           Conductivity         10/5 mA/V         10/5 mA/V         0         220/230V         A         8           AC1/AC21A         A         16         4         4         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         10V         A         4         500/690V         kW         2.5         380/40V         8         380/40V         kW         4         500/690V         kW         2.2         5         380/44VV         kW         2.2         5         380/44VV         kW         2.2         380/44VV         kW         3.5         5         5         5         5         5         5         5         5         5         5         5         5         5			UL/CSA	-	600
IEC/EN         A         16           Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         10         25kA         A         10           Conductivity         10/5 mA/V         00         max/V         00           Operational current le IEC/EN         A         16         10         220/230V         A         8           AC1/AC21A         A         16         1.5         10         220/230V         A         4           AC15         110V         A         10         220/230V         A         4           AC16         1.5         380/400V         A         4         500/690V         A         1.5           Rated operational power in AC         1.5         380/400V         KW         2.5         5           Single-phase AC-3         100V         KW         2.2         380/40VV         KW <t< td=""><td></td><td></td><td></td><td>kV</td><td>6</td></t<>				kV	6
UL/CSA         A         15           Rated operational impulse voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         1s         A         200         Conductivity         10/5 mA/V           Operational current le IEC/EN         10/5 mA/V         00         30/4 N/V         00           AC1/AC21A         A         16         16         16           AC15         110V         A         10         220/230V         A         4           660/690V         A         1.5         380/400V         A         4           660/690V         KW         4.5         55         55           Single-phase AC-3         110V         KW         4.8         380/400V         KW         2.2           Three-phase AC-3         110V         KW         0.8         220/230V         KW         2.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.5	Conventional free air t	hermal current Ith			
Rated operational voltage         V         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         1s         A         200         200           Conductivity         10/5 mA/V         10/5 mA/V         0         200/230V         A         10           Querational current le IEC/EN         A         16         10/5 mA/V         10         220/230V         A         10           AC15         110V         A         10         220/230V         A         8         380/400V         A         4         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5         380/440V         KW         4         50           Single-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           Single-phase AC23A         220/230V         kW         1.5         380/440V         8         380/440V         2.5         5         5 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15kA         A         10           Rated short time current lcw         1s         A         200           Conductivity         1s         A         200           Operational current le IEC/EN         AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A           AC15         110V         A         10           220/230V         A         8         380/400V         A           A         10         220/230V         A         4           660/690V         A         1.5         S           Rated operational power in AC         220/230V         kW         2.5           380/440V         kW         4         500/690V         KW         4           500/690V         kW         1.5         380/440V         KW         2.2           Three-phase AC-3         110V         KW         0.8         380/40V         KW         2.2           Three-phase A			UL/CSA		
Maximum fuse size for short-circuit protection ln (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         1s         A         200 <td>· · · · · · · · · · · · · · · · · · ·</td> <td>-</td> <td></td> <td></td> <td></td>	· · · · · · · · · · · · · · · · · · ·	-			
10kA         A         16           15kA         A         10           Rated short time current lcw         1s         A         200           Conductivity         1s         A         200           Operational current le IEC/EN         AC1/AC21A         10/5 mA/V           AC15         110/V         A         10           Rated operational power in AC         10         220/230V         A         8           380/400V         A         4         660/690V         A         1.5           Rated operational power in AC         220/230V         KW         2.5         380/440V         KW         2.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.5           Single-phase AC23A         110V         KW         3         380/440V         KW         2.5           Single-phase AC23A         110V         KW         3.5         500/690V         KW         5.5				kV	4
15kA         A         10           Rated short time current lcw         1s         A         200           Conductivity         1s         A         200           Operational current le IEC/EN         AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         15         15         15           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5         380/440V         kW         4           500/690V         kW         1.5         10V         4         50         10V         4         15           Rated operational power in AC         Three-phase AC-3         10V         kW         4         500/690V         kW         1.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           Single-phase AC-3         110V         kW         3.5         50         50         50         50         50         50         50         50         50         50         50         50	Maximum fuse size fo	r short-circuit protection In (gG)		•	4.0
25kA         A         10           Rated short time current lcw         1s         A         200           Conductivity         10/5 mA/V         10/5 mA/V           Operational current le IEC/EN         A         16           AC1/AC21A         A         10           220/230V         A         8           380/400V         A         4           660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5           380/440V         kW         4         500/690V         kW         4.5           Single-phase AC-3         110V         kW         4.5         5.5           Single-phase AC-3         110V         kW         2.2         3.80/440V         kW         2.2           Three-phase AC-3         110V         kW         3.8         3.8         3.8         3.8           Single-phase AC-3         110V         kW         3.8         3.8         3.8         3.8           Single-phase AC23A         10V         kW         3.5         3.8         3.8         3.8         3.8         3.8         3.8         3.8         3.8         3.8					
Rated short time current lcw         1s         A         200           Conductivity         10/5 mA/V         00/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         1.5         1.5         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5         380/440V         kW         4         500/690V         kW         2.5         380/440V         kW         4         500/690V         kW         1.5         380/440V         kW         2.2         1.5         380/440V         kW         2.2         380/440V         kW         2.2         1.5         380/440V         kW         2.2         380/440V         kW         3         380/440V         kW         3         380/440V         kW         5.5         500/690V         kW         3         380/440V         kW         5.5         500/690V         kW         5.5         500/690V         kW         3         380/440V         kW         5.5         500/690V					
1s         A         200           Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A           AC1/AC21A         A           AC15         110V           110V         A           220/230V         A           8         380/400V           660/690V         A           AC15         110V           A         4           660/690V         A           AC15         220/230V           Rated operational power in AC         220/230V           Three-phase AC-3         220/230V           Single-phase AC-3         110V           KW         2.5           Single-phase AC-3         110V           KW         0.8           220/230V         kW           220/230V         kW           XW         1.5           Single-phase AC23A         220/230V           Three-phase AC23A         220/230V           XW         3           380/440V         kW           Single-phase AC23A         110V           XW         3           380/440V         kW           220/230V         k	Rated short time curre	ant low	ZJKA	~	10
Conductivity         10/5 mA/V           Operational current le IEC/EN         A         16           AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         380/400V         A         4           660/690V         A         1.5         380/440V         kW         2.5           380/440V         kW         2.5         380/440V         kW         4           500/690V         kW         5.5         5         5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           Three-phase AC23A         220/230V         kW         3         380/440V         kW         3           380/440V         kW         5.5         5         5         5         5         5           Single-phase AC23A         220/230V         kW         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         <	Rated Short time curre		1s	Δ	200
Operational current le IEC/EN         AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         5         5         5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5         380/440V         kW         4           500/690V         kW         5.5         5         5         5         5           Three-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           Three-phase AC-3           Three-phase AC23A         110V         kW         3           Three-phase AC23A         220/230V         kW         3           Three-phase AC23A         220/230V         kW         3           Single-phase AC23A         220/230V         kW         3           Single-phase AC23A         110V         kW         0.8           220/230V         kW         3           Single-phase AC23A         110V         kW         0.8	Conductivity		10		
AC1/AC21A  A 16  AC15  110V A 10  220/230V A 8  380/400V A 4  660/690V A 1.5  Rated operational power in AC Three-phase AC-3  220/230V kW 2.5  380/440V kW 4  500/690V kW 4.  500/690V kW 5.5  Single-phase AC-3  110V kW 0.8  220/230V kW 1.5  380/440V kW 2.2  Three-phase AC23A  220/230V kW 3  380/440V kW 5.5  500/690V kW 7.5  Single-phase AC23A  110V kW 0.8  220/230V kW 1.5  380/440V kW 5.5  Single-phase AC23A  110V kW 0.8  220/230V kW 1.5  380/440V kW 5.5  Single-phase AC23A  110V kW 0.8  220/230V kW 1.7  380/440V kW 3	·	IEC/EN			
A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         <					
110V         A         10           220/230V         A         8           380/400V         A         4           660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3         220/230V         kW         2.5           380/440V         kW         4         500/690V         kW         4           500/690V         kW         4         500/690V         kW         4           500/690V         kW         0.8         220/230V         kW         1.5           Single-phase AC-3           110V         kW         0.8         220/230V         kW         1.5           380/440V         kW         2.2         15         380/440V         kW         2.2           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW				А	16
220/230V         A         8           380/400V         A         4           660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3           220/230V         kW         2.5           380/440V         kW         4           500/690V         kW         4           500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         1.5         380/440V         kW         2.2           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A           110V         kW         3           220/230V         kW         3           380/440V         kW         5.5           500/690V         kW         7.5           Single-phase AC23A           110V         kW         0.8           220/230V         kW         1.7           380/440V         kW         3           110V         kW         0.8		AC15			
380/400V         A         4           660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3           220/230V         kW         2.5           380/440V         kW         4           500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         1.5         380/440V         kW         2.2           Three-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           Single-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         5.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW         3			110V	А	10
660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3         220/230V         kW         2.5           380/440V         kW         4         500/690V         kW         4           500/690V         kW         5.5         5         5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           380/440V         kW         2.2         115         380/440V         kW         2.2           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW         3					
Rated operational power in AC           Three-phase AC-3         220/230V         kW         2.5         380/440V         kW         4           500/690V         kW         5.5         5         5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           380/440V         kW         2.2         380/440V         kW         2.2         1           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW         3					
Three-phase AC-3       220/230V       kW       2.5         380/440V       kW       4         500/690V       kW       5.5         Single-phase AC-3       110V       kW       0.8         220/230V       kW       1.5         380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       110V       kW       0.8       380/440V       kW       5.5         Single-phase AC23A       110V       kW       3       380/440V       kW       3			660/690V	A	1.5
220/230V       kW       2.5         380/440V       kW       4         500/690V       kW       5.5         Single-phase AC-3       110V       kW       0.8         220/230V       kW       1.5       380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       110V       kW       0.8       220/230V       kW       1.7         380/440V       kW       3       380/440V       kW       3	Rated operational pov				
380/440V       kW       4         500/690V       kW       5.5         Single-phase AC-3       110V       kW       0.8         220/230V       kW       1.5       380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       220/230V       kW       3       380/440V       kW       5.5         Single-phase AC23A       110V       kW       0.8       220/230V       kW       1.7		I hree-phase AC-3	000/0001/	1.1.47	0.5
500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         1.5         380/440V         kW         2.2           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW         3					
Single-phase AC-3       110V       kW       0.8         220/230V       kW       1.5         380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         220/230V       kW       3       380/440V       kW       5.5         500/690V       kW       7.5       500/690V       kW       1.7         220/230V       kW       1.7       380/440V       kW       3					
110V       kW       0.8         220/230V       kW       1.5         380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         380/440V       kW       5.5       500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8       220/230V       kW       1.7         380/440V       kW       3       380/440V       kW       3       380/440V       kW       3		Single-phase AC-3	300/0907	N V V	0.0
220/230V       kW       1.5         380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         220/230V       kW       5.5         380/440V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3			110V	kW	0.8
380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         380/440V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3					
Three-phase AC23A       220/230V       kW       3         380/440V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3					
220/230V       kW       3         380/440V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3		Three-phase AC23A			
380/440V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3			220/230V	kW	3
Single-phase AC23A 110V kW 0.8 220/230V kW 1.7 380/440V kW 3			380/440V	kW	5.5
110V kW 0.8 220/230V kW 1.7 380/440V kW 3			500/690V	kW	7.5
		Single-phase AC23A			
380/440V kW 3					
	Detaile d'ait		380/440V	kW	3

## Rated operational current in DC

7GN1293O



	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V	Π	0.20
	DCZSA (poles in series)	24V	۸	10 (1)
			A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	Α	5 (3)
		220V	A	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		-+0 v	 W	0.8
			VV	0.0
Mechanical features				140
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	Max	/	
		min	mm²	0.5
		min		
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor	2.07		-
		120V	HP	0.5
		120V 240V	HP	1
Ambiant conditions		24U V	nr <sup>.</sup>	I
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

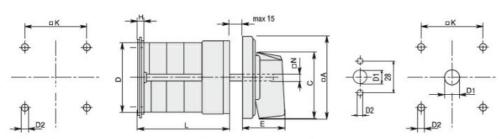


## 7GN1293O ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Frontal IP degree

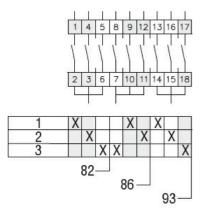
Terminals IP degree Dimensions





Carios	Dimensions					L Number of elements														
Series	□A	С	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



#### Certifications and compliance

Comp	

	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	on	
ETIM 8.0		EC001029 - Selector switch,

complete

ETIM 8	.0
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