7GN1208P25

ENERGY AND AUTOMATION

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Incode designation         case witch ToOluct type designation         CONVEX           Switching diagram         08 - ONVOFF switch 4 poles         08 - ONVOFF           Switching diagram         08 - ONVOFF         switch 4 poles           N° of elements         2         2           Mounting form         P25 - Plastic enclosure with red/sellow handles         P25 - Plastic enclosure with red/sellow handles           Rated insulation voltage Ui         IEC/EN         V         690           Quit/CSA         V         600         8           Rated insulation voltage Uimp         KV         6         6           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational inpulse voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10KA         A         16           AC15         10V         A         16         600/80V         A           Conductivity         10         A         16         A         10           Querational current Icw         10/KA         A         16         A         16         A           AC1AC21A         A         16         A         16         A         16	Product designation				Enclosed rotary	
General characteristics         08 - ON/OFF switching diagram         08 - ON/OFF switch 4 poles           N° of elements         2           Mounting form         P225 - Plastic enclosure with red/yellow handle           Contract characteristics         P225 - Plastic enclosure with red/yellow handle           Rated insulation voltage Uimp         KV           Rated insulation voltage Uimp         KV           Rated insulation voltage Uimp         KV           Rated operational impulse voltage         KV           Rated operational impulse voltage         KV           Rated operational impulse voltage         KV           Rated sportational impulse voltage         KV           Rated sport time current low         10KA           Rated short time current low         10KA           Conductivity         100/s mA/V           Operational current le IEC/EN         A           AC1/AC21A         A           AC15         110V           Three-phase AC-3         20/230V           Single-phase AC23A         20/230V           Sing	-	ion				
Switching diagram         08 - ON/OFF           N° of elements         2           Mounting form         P25 - Plastic enclosue with red/yellow handle           Contact characteristics         P25 - Plastic           Rated insulation voltage UI         IEC/EN         V           Conventional free air thermal current Ith         IEC/EN         A           IEC/EN         A         16           UU/CSA         A         16           Conventional free air thermal current Ith         IEC/EN         A           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         10           Rated short time current low         1s         kA         200           Conductivity         1s         kA         200           Conductivity         10/5 mA/V         0         220/230V         A           AC15         110/V         A         10         220/230V         A           AC15         110/V         A         10         220/230V         A         380/40/0V         A           AC15         110/V         A					/ GIVIZ	
N° of elements         2           Mounting form         enclosure with red/yellow handle           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current lth         IEC/EN         A         16           QuickSA         A         15         16         16           Rated operational impulse withstand voltage         kV         4         4           Rated operational impulse voltage         kV         4         4           Rated operational impulse voltage         kV         4         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         22kA         10           Rated short time current Icw         1s         kA         200         0           Conductivity         10% TAV         10         220/230V         A         4           AC15         110V         A         16         16         16           AC15         110V         A         10         220/230V         A         4           660/690V         A         1.5         1.5						
Mounting form         P25 - Plastic enclosure with red/viel/w handles           Rated insulation voltage Ui         IEC/EN         V         600           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         X         6           Conventional impulse voltage         KV         4         6           Rated operational voltage         V         480         7           Rated operational impulse voltage         KV         4         6           Maximum fuse size for short-circuit protection In (gG)         10KA         A         16           15KA         A         10         25KA         A         10           Rated operational current low         1s         KA         200         200/02/02/02/02/02/02/02/02/02/02/02/02/						
Mounting form         enclosure with red/yellow handle           Contact charactoristics         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         V         480         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 Icw         1s         kA         200         Conductivity         10/5 mA/V           Operational current Ic IEC/EN         A         16         16         10/5 mA/V         220/230V         A         8           AC1/AC21A         A         16         10         220/230V         A         8           380/400V         A         1.5         10V         A         10           220/230V         A         1.5         1.5         380/440V         KW         2.5           380/440V	N° of elements					
Contact characteristics         red/yellow 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 impulse voltage         KV         4         480           Rated operational impulse voltage         KV         4         15           Rated operational impulse voltage         KV         4         16           10kA         A         16         15kA         A         10           Rated operational impulse voltage         KV         4         4         10           Rated operational impulse voltage         KA         200         200/200 <td>Mounting form</td> <td></td> <td></td> <td></td> <td></td>	Mounting form					
Contact characteristics           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 voltage         V         480         4           Rated operational impulse voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           155kA         A         10         25kA         A         10           26Ad short time current Icw         1s         kA         200         00           Conductivity         1s         kA         200         00         01/5 mA/V           Operational current Ic IEC/EN         A         16         16         16         16           AC1/AC21A         A         10         220/230V         A         8         380/400V         A         4           AC1/AC21A         Intre-phase AC-3         10/V         A         4         660/00V         1.5         5.5         5.5         5.5         5.5						
IEC/EN         V         690           UL/CSA         V         600           Rated impulse withstand voltage Uimp         kV         6           Conventional free air thermal current Ith         IEC/EN         A         16           Rated operational voltage         kV         480           Rated operational impulse voltage         kV         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           16kA         A         10         25kA         A         10           Rated operational impulse voltage         kA         10         25kA         A         10           Rated short time current lcw         10kA         A         16         16         16           Conductivity         10/5         KA         200         200         200           Conductivity         10/5         mA/V         00         10         10         220/230V         A         8           AC15         110V         A         10         220/230V         A         4         660/690V         4         660/690V         4         660/690V         4         500/690V         KW         4         500/690V         KW <td>Contact characteristic</td> <td>S</td> <td></td> <td></td> <td></td>	Contact characteristic	S				
UL/CSA         V         600           Rated inpulse withstand voltage Uimp         kV         6           Conventional free air thermal current lth         IEC/EN         A         16           Rated operational voltage         KV         4         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated operational impulse voltage         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         kA         200         200/200         A         10           Conductivity         1s         kA         200         20/230V         A         8         380/40V         A         4         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5         380/40V         KW         4         200/230V         KW         4           200/230V         kW         1.5         380/440V         KW         2.5						
Rated impulse withstand voltage Uimp         kV         6           Conventional Ifee 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         kA         200         Conductivity         10/5 mA/V           Operational current le IEC/EN         A         16         A         A         16           AC1/AC21A         A         10         220/230V         A         8         380/400V         A         4           Ge0/690V         A         1.5         Sa         A         10         220/230V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         A         4         500/690V         kW         4           Single-phase AC-3         220/230V         kW         1.5         380/440V         kW         4           Single-phase AC23A         220/230V         kW         3<	·	-	IEC/EN	V	690	
Conventional free air thermal current lth         IEC/EN         A         16           UL/CSA         A         15           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         kA         200         200           Conductivity         1s         kA         200         200           Operational current le IEC/EN         A         16         AC1/AC21A         A         16           AC15         110V         A         10         220/230V         A         8         380/400V         A         4           AC15         110V         A         10         220/230V         A         4         50           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         3.5			UL/CSA	V	600	
IEC/EN         A         16           Rated operational 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 Icw         1         kA         200         0           Conductivity         10/5 mA/V         0         0         0         kA         200           Conductivity         10/5 mA/V         0 <t< td=""><td>Rated impulse withsta</td><td>nd voltage Uimp</td><td></td><td>kV</td><td>6</td></t<>	Rated impulse withsta	nd voltage Uimp		kV	6	
UL/CSA         A         15           Rated operational impulse voltage         KV         4800           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         kA         200         Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A         A         10         220/230V         A         8           AC15         110V         A         10         220/230V         A         8           Rated operational power in AC         110V         A         10         220/230V         A         4           660/690V         A         1.5         380/40V         KW         4           Single-phase AC-3         110V         KW         4         5.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.2           Three-phase AC-3         110V         KW         0.8         220/230V         KW         3.5           Single-phase AC-3         110V	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         kA         200         20000         20000         20000         200000         200000         200000			IEC/EN	А	16	
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 Icw         1s         kA         200         Conductivity         10/5 mA/V           Operational current Ie IEC/EN         A         16         A         A         16           AC1/AC21A         A         10         220/230V         A         8         380/40V         A         4           AC15         110V         A         10         220/230V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         KW         2.5           Single-phase AC-3         220/230V         kW         2.5         380/440V         kW         4           500/690V         kW         1.5         State         220/230V         kW         2.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         1.5           Single-phase AC23A         220/230V         kW         1.5         380/440V         KW         2.5			UL/CSA	Α	15	
Maximum fuse size for short-circuit protection In (gG)         10kA         A         16           15kA         A         10         25kA         A         10           Rated short time current lcw         1s         kA         200         200           Conductivity         1s         kA         200         10/5 mA/V           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           Rated operational power in AC         Three-phase AC-3         220/230V         kW         2.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         4           500/690V         kW         2.2         Three-phase AC23A         220/230V         kW         3           380/440V         kW         3         380/440V         kW         3           380/440V         kW         2.2         Three-phase AC23A         110V         kW         3.8 <tr< td=""><td>Rated operational volt</td><td>age</td><td></td><td>V</td><td>480</td></tr<>	Rated operational volt	age		V	480	
10kA         A         16           15kA         A         10           Rated short time current lcw         1s         kA         200           Conductivity         1s         kA         200           Operational current le IEC/EN         10/5 mA/V         00/5 mA/V           AC1/AC21A         A         16           AC15         110V         A         10           Z20/230V         A         8         380/400V         A         4           660/690V         A         1.5         8         380/400V         A         4           660/690V         KW         2.5         380/400V         KW         4         500/690V         KW         2.5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.5           Single-phase AC-3         110V         KW         2.8         380/440V         1.5           Single-phase AC-3         110V         KW         3         380/440V         3           Z20/230V         KW         1.5         380/440V         5.5         5           Single-phase AC23A         110V         KW         3         380/440V         7.5<				kV	4	
15kA         A         10           Rated short time current lcw         1s         kA         200           Conductivity         1s         kA         200           Operational current le IEC/EN         10/5 mA/V         10/5 mA/V           AC1/AC21A	Maximum fuse size fo	r short-circuit protection In (gG)				
25kA         A         10           Rated short time current low         1s         kA         200           Conductivity         10/5 mA/V         10/5 mA/V           Operational current le IEC/EN         A 16         16           AC1/AC21A         A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         1.5         Rated operational power in AC         220/230V         kW         2.5         380/440V         kW         4         500/690V         kW         4         500/690V         kW         4         500/690V         kW         1.5         1.5         10V         kW         4         500/690V         kW         2.5         380/440V         kW         4         500/690V         kW         1.5         <						
Is         kA         200           Conductivity         10/5 mA/V           Operational current le IEC/EN           AC1/AC21A           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         20/230V         kW         2.5         380/440V         kW         2.5         Single-phase AC-3         110V         kW         0.2         Three-phase AC23A						
1s         kA         200           Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A           AC1/AC21A         A           AC15         10/V           Image: AC15         10/V           AC15         110V           AC15         110V           Rated operational power in AC         1.5           Three-phase AC-3         220/230V         kW           220/230V         kW         2.5           380/400V         kW         4           660/690V         k         1.5           Rated operational power in AC         220/230V         kW         4           500/690V         kW         5.5         5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         1.5         380/440V         kW         3           Three-phase AC23A         110V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         3         380/440V         kW         <			25kA	A	10	
Conductivity         10/5 mA/V           Operational current le IEC/EN         AC1/AC21A           AC1/AC21A         A           AC15         110V         A           Image: AC1/AC21A         A         10           AC15         110V         A         10           Image: AC1/AC21A         A         10         220/230V         A         8           Image: AC1/AC21A         A         10         220/230V         A         8           Image: AC1/AC21A         A         10         220/230V         A         8           Image: AC1/AC21A         Image: AC1/AC21A         A         10         220/230V         A         8           Image: AC1/AC21A         Image: AC1/AC21/AC21/AC21/AC21/AC21/AC21/AC21/A	Rated short time curre	ent Icw				
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         110V         A         4           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         5.5         5         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         5.5           Single-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3           220/230V         kW         3         380/440V         kW         3         380/440V         kW         3 </td <td></td> <td></td> <td>1s</td> <td>kA</td> <td></td>			1s	kA		
AC1/AC21A  AC15  A					10/5 mA/V	
A         16           AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         1.5         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         0.8         220/230V         kW         1.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           Three-phase AC23A         110V         kW         3         380/440V         kW         3           Single-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           220/230V         kW         1.7           380/440V         kW         0.8         220/230V         kW <td>Operational current le</td> <td></td> <td></td> <td></td> <td></td>	Operational current le					
AC15         110V         A         10           220/230V         A         8         380/400V         A         4           660/690V         A         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         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           380/440V         kW         2.2         1.5         500/690V         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 <td colspa<="" td=""><td></td><td>AC1/AC21A</td><td></td><td>•</td><td>4.0</td></td>	<td></td> <td>AC1/AC21A</td> <td></td> <td>•</td> <td>4.0</td>		AC1/AC21A		•	4.0
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         1.5         380/440V         kW         5.5           500/690V         kW         3         380/440V         kW         5.5           500/690V         kW         5.5         500/690V         kW         5.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7           380/440V         kW         3         380/440V         kW         3		4.045		A	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         4           500/690V         kW         4           500/690V         kW         1.5           Single-phase AC-3           110V         kW         0.8           220/230V         kW         1.5           Three-phase AC23A           Three-phase AC23A           Three-phase AC23A           Single-phase AC23A           Single-phase AC23A           110V         kW           Single-phase AC23A           110V         kW           220/230V         kW         1.7           380/440V         kW         3		AC15	1101/	^	10	
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         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           Three-phase AC23A         220/230V         kW         3         380/440V         kW         5.5           500/690V         kW         7.5         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						
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         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           Single-phase AC23A         110V         kW         0.8         220/230V         kW         1.7						
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           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         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       0.8       380/440V       kW       3	Rated operational pov	ver in AC	000/0001	Λ	1.0	
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       220/230V       kW       1.7         380/440V       kW       3       380/440V       kW       3						
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			220/230\/	kW	25	
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         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         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		Single-phase AC-3				
220/230V       kW       1.5         380/440V       kW       2.2         Three-phase AC23A       220/230V       kW       3         220/230V       kW       5.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       1.7         380/440V       kW       3		<b>č</b>	110V	kW	0.8	
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	1.5	
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	2.2	
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				
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				kW		
110V kW 0.8 220/230V kW 1.7 380/440V kW 3			500/690V	kW	7.5	
220/230V kW 1.7 		Single-phase AC23A				
380/440V kW 3						
			380/440V	kW	3	

## Rated operational current in DC

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	D0044			
	DC21A	401/	٨	40
		48V	A	12
		60V	A	12
		110V	A	4
		220V	A	0.6
	DC22A (poloo in porioo)	440V	A	0.25
	DC23A (poles in series)	24V	٨	10 (1)
		24 V 48 V	A A	10 (1)
		48V 60V	A	10 (2)
		110V	A	10 (3) 5 (3)
		220V	A	5 (4)
	DC13	2200	~	5 (4)
	0013	24V	А	12
		24 V 48V	A	10
		40V 60V	A	8
		110V	A	1
		220V	A	0.4
		220V 440V	A	0.4
Power dissipation		470 V		0.8
Mechanical features			~ ~	0.0
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				0.0
0011000101 3120	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Max	/	12
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			<u> </u>
		min	mm²	0.5
		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			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectic	on and a second s			

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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

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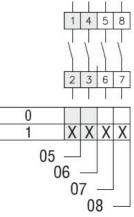
**Lovato** 

ENERGY AND AUTOMATION

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Frontal IP degree											IP65					
Terminals IP degree IP00																
Dimensions																
							-		R 			- + +	C1	o o	4 <u>*</u>	
Series E	Enclosure	Number o	f elements	A	A1	С	C1	Dimer D	isions F	M	N	-	L1	Cable entry	Protection degree	
7GN12 7	5x75	1-2	3 - 4	A	AI	U	01	U	г	IVI	IN	L	LI	onay	dogroo	
7GN20	0,10	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65	
7GN25		1	2-3													
7GN12 9	0x90	1-3	4 - 6													
7GN20 7GN25		1-3	4 - 6 3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4-0010	IP65	
7GN25 7GN32		1-2	3-4	90	90	19	63	4.5	25	19	30	/1.3	98.3	4xPG16	IPop	
7GN32 7GN40	3	1-2	2-3													
	10x110	1-4	5-8			-	-						-			£
7GN20	IOATTO	1-4	5-8													
7GN25		1-3	4 - 5											4 8004	1005	
7GN32		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65	
7GN40		1-2	3 - 5	1												
7GN63		1-2	3 - 4													
	25x175	1-3	4 - 5													
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65	
7GN63		1 - 2	3 - 4	120	175	140	112	0.0	02	21	00	04.0	110.0	2xPG11	11 00	
7GN125		1	2													6
7GN32 1	80x254	1-5	6-8											1 0000		
7GN40	3	1-4	5-7	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65	
7GN63 7GN125	0	1-3 1-2	4 - 6 3 - 4	1										ZXPGII		
761125	y	1-2	3-4											ļ	ļ	1

Wiring diagrams



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Certifications and cor	mpliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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