

7GN63H12U

Instruction         Section         Section           Central characteristics         4           Switching diagram         12           Not of elements         4           Options         Entranged plate           Central characteristics	Product designation				Rotary cam
Central characteristics         12           Switching diagram         12           N° of elements         4           Options         Enlarged plate           Context characteristics         12           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6         600           Rated inpulse withstand voltage Uimp         KV         6         600           Rated operational ree air thermal current Ith         UL/CSA         A         60           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Coperational current Icw         15         A         1600           Operational current Icw         15         A         63           AC15         110V         A         32           AC15         110V         A         25           380/400V         A         15         660/690V         A           Rated operational power in AC         Three-phase AC-3         110V         KW         3.7           Single-phase AC-3         110V         KW         3.7         220/230V         KW         12.5           Single-phase AC23A         1	-	tion.			
Switching diagram         12           N° of elements         4           Options         Enlarged plate           Contract characteristics         Enlarged plate           Rated insulation voltage Ui         IEC/EN         V         600           Rated insulation voltage Uimp         KV         6         600           Rated inpulse withstand voltage Uimp         KV         6         60           Rated operational voltage         V         480         400           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Stated operational voltage         V         480         400           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Correctional current lew         1s         A         1600           Operational current le IEC/EN         X         1         1000           AC15         110V         A         32           220/230V         A         25         380/400V         A         4           Rated operational power in AC         Three-phase AC-3         220/230V         KW         11           380/440V         kW         15.5         500/680V         KW					GN63
N° of elements         4           Options         Enlarged plate           Contract christics         Elec/EN           Rated insulation voltage Ui         IEC/EN         V         690           Conventional free air thermal current Ith         UL/CSA         V         60           Rated operational voltage         V         480         Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Conventional free air thermal current Ith         UL/CSA         A         63           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Rated short time current Icw         1s         A         1600           Operational current Ie IEC/EN         A         63         AC1/AC21A           AC15         110V         A         32           Z20/230V         A         25         380/400V         A           Rated operational power in AC         Three-phase AC-3         220/230V         KW         11.5           Single-phase AC-3         110V         KW         3.7         220/230V         KW         12.5           Single-phase AC23A         220/230V         KW         12.5         380/440V         12.5					12
Options         Enlarged plate           Contract characteristics         EC/EN         V         690           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         kV         6           Conventional free air thermal current ith         UL/CSA         A         60           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Rated operational current lew         1s         A         1600           Operational current le IEC/EN         1s         A         1600           Operational current le IEC/EN         A         63         380/400V         A         15           AC1//C21A         A         63         380/400V         A         15           AC15         110V         A         32         220/230V         A         25           380/400V         A         15         500/690V         KW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.5           Three-phase AC23A         220/230V         kW         1.5					
Contact characteristics           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         KV         6           Conventional free air thermal current Ith         UL/CSA         A         60           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Coperational current Icw         10kA         A         63           Coperational current IcC/EN         1s         A         1600           AC15         110V         A         32           220/230V         A         25           380/400V         A         15           660/690V         A         4           Ac15         110V         A         32           220/230V         KW         11         380/440V         4           Rated operational power in AC         1         380/440V         kW         11.5           Single-phase AC-3         220/230V         kW         11.5         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         30         500/690V         14.5					
IEC/EN         V         690           Rated impulse withstand voltage Uimp         kV         6           Conventional free air thermal current Ith         UL/CSA         A         60           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Z5kA         A         63         25kA         A         63           Rated short time current low         1s         A         1600         0           Operational current Ie IEC/EN         A         63         -         -           AC15         110V         A         32         -         -           AC165         110V         A         32         - <td< td=""><td></td><td>S</td><td></td><td></td><td><b>U</b></td></td<>		S			<b>U</b>
UL/CSA         V         600           Rated impulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         UL/CSA         A         60           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Rated short time current lcw         10kA         A         63           Rated short time current lcw         1s         A         1600           Operational current Ie IEC/EN         A         63           AC15         10V         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         11.5           Single-phase AC-3         110V         kW         3.7         220/230V         KW         15.5           Single-phase AC-3         110V         kW         3.7         220/230V         KW         15.5           Single-phase AC23A         110V         kW         3.7         220/230V         KW         15.5	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Uimp         kV         6           Conventional free air thermal current Ith         UL/CSA         A         60           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           Rated short time current Icw         10kA         A         63           Rated short time current Icw         1s         A         1600           Operational current Ie IEC/EN         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/400V         kW         18.5         500/690V         A         15           Single-phase AC-3         210/02 V         KW         18.5         500/690V         KW         30           Three-phase AC23A         220/230V         KW         11.5         380/440V         KW         30           Single-phase AC23A         220/230V         KW         12.5         380/440V         30           Single-phase AC23A         220/230V         KW<			IEC/EN	V	690
Conventional free air thermal current lth         UL/CSA         A         60           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           25kA         A         63         50kA         A         63           Rated short time current lcw         1s         A         1600         0           Operational current le IEC/EN         A         63         220/230V         A         25           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         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         12.5           380/440V         kW         12.5         380/40V         380/40V         4           Three-phase AC23A         220/230V         kW         12.5         380/40V         380/40V         12.5           S			UL/CSA	V	600
UL/CSA         A         60           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           25kA         A         63         50kA         A         63           Rated short time current low         1s         A         1600         600           Operational current le IEC/EN         A         63         63           AC1/AC21A         A         63         660/690V         A         25           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         220/230V         kW         11.5           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         110V         kW         3.7         220/230V         kW         12.5           Single-phase AC23A         110V         kW         3.7	Rated impulse withstand voltage Uimp			kV	6
Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         63           25kA         A         63         50kA         A         63           Rated short time current Icw         1s         A         1600         0           Operational current le IEC/EN         A         63         63           AC1/AC21A         A         63         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         500/690V         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         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         110V         kW         3.7         220/230V         kW         12.5	Conventional free air	thermal current Ith			
Maximum fuse size for short-circuit protection ln (gG)         10kA         A         63           Rated short time current lcw         1s         A         63           Operational current le IEC/EN         A         63           AC1/AC21A         A         63           AC15         110V         A         32           Z20/230V         A         25         380/400V         A         15           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           Single-phase AC-3         110V         kW         3.7         220/230V         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 AC-3         110V         kW         3.0         30         30           Single-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           Sa80/440V         kW         3.0         30         30         30         30           Single-phase AC23A         110V         kW			UL/CSA	А	60
10kA         A         63           25kA         A         63           Rated short time current lcw         1s         A         1600           Operational current le IEC/EN         AC1/AC21A         A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           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         220/230V         kW         11           380/40V         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         12.5           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5 <td>-</td> <td></td> <td></td> <td>V</td> <td>480</td>	-			V	480
25kA         A         63           Rated short time current lcw         1s         A         1600           Operational current le IEC/EN         A         63           AC1/AC21A         A         63           AC15         110V         A         32           20/230V         A         25         380/400V         A         15           660/690V         A         4         7         660/690V         A         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 AC-3         110V         kW         3.7         220/230V         kW         11.5           Single-phase AC-3         110V         kW         3.0         500/690V         kW         3.0           Single-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Single-phase AC23A         110V	Maximum fuse size for	or short-circuit protection In (gG)			
Soka         A         63           Rated short time current lcw         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         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 AC-3         110V         kW         3.7         220/230V         kW         11.5           Three-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW					
Rated short time current low         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         66         67         66         67         66         60         67         66         60         60         60         60         60         60         60					
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         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         15.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.5           Three-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           380/440V         kW         3.0         500/690V         kW         3.7           220/230V         kW         12.5         380/440V         kW         3.7           220/230V         kW         12.5         380/440V         kW         12.5           Rated operational current in DC			50kA	А	63
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         63         4         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         15.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           380/440V         kW         11.5         11.5         11.5         11.5         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         kW         12.5           380/440V         kW         3.0         500/690V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         1.5           Rated op	Rated short time curre	ent Icw			
AC1/AC21A  AC15  AC16  AC15  AC1  AC1			1s	Α	1600
A         63           AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         A         A         A           Rated operational power in AC         Three-phase AC-3         220/230V         kW         11           380/400V         KW         11         380/440V         kW         18.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         15.5           Single-phase AC-3         110V         kW         3.7         220/230V         kW         12.5           380/440V         kW         11.5         11.5         11.5         11.5         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         80         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         7.5           380/440V         kW         3.7         220/230V         kW         7.5           380/440V         kW         3.7         22.5         380/440V         2.5           Rated operational current in	Operational current le				
AC15         110V         A         32           220/230V         A         25         380/400V         A         15           660/690V         A         4         Action         Acti		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           Single-phase AC-3           Three-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         30           Single-phase AC23A           110V         kW         3.7           220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A         63           60V         48V         A         63           60V         A         50           48V         A				A	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           380/440V         kW         18.5           500/690V         kW         18.5           Single-phase AC-3           110V         kW           220/230V         kW           Single-phase AC-3           110V         kW         3.7           220/230V         kW         11.5         11.5           Three-phase AC23A           220/230V         kW         12.5           380/440V         kW         30         30           Single-phase AC23A           10V         kW         3.7           220/230V         kW         7.5         380/440V         kW         3.7           220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A		AC15			
380/400V         A         15           660/690V         A         4           Rated operational power in AC         220/230V         kW         11           380/440V         kW         11         380/440V         kW         18.5           Single-phase AC-3         500/690V         kW         18.5         500/690V         kW         15           Single-phase AC-3         110V         kW         3.7         220/230V         kW         6.5           380/440V         kW         11.5         500/690V         kW         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Rated operational current in DC         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         220/2         48V         A         63         60V         A         50           A         48V         A         63         60V         A         50         110V         A         8         220V         A         1					
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         11.5         11.5         500/690V         kW         11.5           Three-phase AC23A         220/230V         kW         12.5         380/440V         kW         30           Single-phase AC23A         220/230V         kW         30         30         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         7.5           Rated operational current in DC         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         48V         A         63         60V         A         50           110V         A         8         220V         A         1         1					
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         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           Single-phase AC23A         110V         kW         30         500/690V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Rated operational current in DC         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         220/2         48V         A         63         60V         A         50           48V         A         63         60V         A         50         110V         A         8         220V         A         1					
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           Three-phase AC23A         220/230V         kW         30         500/690V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Rated operational current in DC         110V         kW         3.7         220/230V         kW         12.5           Rated operational current in DC         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         48V         A         63         60V         A         50           10V         A         8         220V         A         1         1	Dete la contra de		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           Single-phase AC23A         220/230V         kW         30         30         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         12.5           Rated operational current in DC         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         DC21A         48V         A         63           60V         A         50         110V         A         8           220V         A         1         220V         A         1	Rated operational pol				
380/440V         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           Single-phase AC23A         220/230V         kW         30         30         30           Single-phase AC23A         110V         kW         30         30         30           Single-phase AC23A         110V         kW         30         30         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         7.5           Sa0/440V         kW         3.7         220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC         DC21A         48V         A         63         60V         A         50           10V         A         8         220V         A         1		Inree-phase AC-3	220/2201/		4.4
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           Single-phase AC23A         220/230V         kW         30         30         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         7.5           Rated operational current in DC         DC21A         48V         A         63         60V         A         50           Mathematical Actional current in DC         220/230V         A         50         110V         A         8           220/2         20V         A         50         110V         A         8					
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           Single-phase AC23A         220/230V         kW         30         500/690V         kW         30           Single-phase AC23A         110V         kW         3.7         220/230V         kW         7.5           Rated operational current in DC         DC21A         48V         A         63         60V         A         50           48V         A         63         60V         A         50         110V         A         8           220V         A         1         110V         A         8         220V         A         1					
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         220/230V         kW         7.5           380/440V         kW         12.5         380/440V         kW         12.5           Rated operational current in DC         DC21A         48V         A         63           60V         A         50         110V         A         8           220V         A         1         1         1		Single-phase AC-3	500/090V	K 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           220/230V         kW         3.7         220/230V         kW         7.5           380/440V         kW         12.5         380/440V         kW         12.5           Rated operational current in DC         DC21A         48V         A         63           60V         A         50         110V         A         8           220V         A         1         110V         A         1		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           220/230V         kW         7.5         380/440V         kW         7.5           380/440V         kW         12.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A         63           60V         A         50         110V         A         8           220V         A         1         100         A         8					
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         7.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A         63         60V         A         50           110V         A         8         220V         A         1					
220/230V       kW       12.5         380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7         220/230V       kW       7.5         380/440V       kW       12.5         Rated operational current in DC         DC21A       48V       A       63         60V       A       50       110V       A       8         220V       A       1       1       1		Three-phase AC23A	000/1101	11.00	11.0
380/440V       kW       30         500/690V       kW       30         Single-phase AC23A       110V       kW       3.7         220/230V       kW       7.5         380/440V       kW       12.5         Rated operational current in DC       200/230V       kW       12.5         DC21A       48V       A       63         60V       A       50       110V       A       8         220V       A       1       1       1			220/230\/	kW	12.5
500/690V         kW         30           Single-phase AC23A         110V         kW         3.7           220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A         63           60V         A         50           110V         A         8           220V         A         1					
Single-phase AC23A         110V         kW         3.7           220/230V         kW         7.5         380/440V         kW         12.5           Rated operational current in DC           DC21A         48V         A         63           60V         A         50           110V         A         8           220V         A         1					
110V       kW       3.7         220/230V       kW       7.5         380/440V       kW       12.5         Rated operational current in DC         DC21A       48V       A       63         60V       A       50         110V       A       8         220V       A       1		Single-phase AC23A			
220/230V       kW       7.5         380/440V       kW       12.5         Rated operational current in DC         DC21A       48V       A       63         60V       A       50         110V       A       8         220V       A       1		<u> </u>	110V	kW	3.7
380/440V         kW         12.5           Rated operational current in DC         DC21A         48V         A         63           48V         A         63         60V         A         50           110V         A         8         220V         A         1					
DC21A 48V A 63 60V A 50 110V A 8 220V A 1			380/440V	kW	12.5
48V A 63 60V A 50 110V A 8 220V A 1	Rated operational cur	rent in DC			
60V A 50 110V A 8 A 1		DC21A			
110V A 8 A 1			48V	А	63
220V A 1				А	50
				А	8
DC23A (poles in series)			220V	А	1
		DC23A (poles in series)			

7GN63H12U



		24V	А	50 (1)
		48V	А	50 (2)
		60V	А	50 (3)
		110V	А	25 (3)
		220V	А	15 (4)
	DC13	2201		
	Della	24V	۸	60
			A	63
		48V	A	40
		60V	А	28
		110V	А	3.3
Mechanical features				
Terminals screw				M5
Tightening torque for t	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable		A.).A.(C)	
		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			- <b>,</b>	
Motor power for direct	-on-line control			
	for three-phase motor	(00)(		
		480V	HP	25
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	max	<u> </u>	
	Siviage lemperature		° <b>^</b>	40
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete
				complete