

7GN20H12U

Induct basignation         Switching diagram         Skitching diagram	Product designation				<sup>a</sup> Rotary cam
General characteristics         12           Switching diagram         12           N° of elements         4           Options         Enlarged plate           Contract characteristics         IEC/EN         V           Rated insulation voltage Ui         IEC/EN         V         600           Rated insulation voltage Uimp         KV         6         6           Conventional free air thermal current Ith         IEC/EN         A         20           Rated operational voltage         V         480         4           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current Icw         1s         A         20           Operational current Ic IEC/EN         1s         A         20           AC15         110V         A         10           20/2020V         A         8         380/400V         A           660/690V         A         1.5         Single-phase AC-3         110V         KW         5.5           Single-phase AC-3         110V         KW         5.5         Single-phase AC-3         200/230V         KW         5.5           Single-phase AC23A         220/230V         KW	_				
Switching diagram         12           N° d relements         4           Options         Enlarged plate           Consect characteristics         Enlarged plate           Rated insulation voltage Ui         IEC/EN         V         600           Rated insulation voltage Uimp         KV         6         6           Conventional free air thermal current th         IEC/EN         X         6           Conventional voltage         V         480         40           Maximum fuse size for short-circuit protection in (gG)         IUL/CSA         A         20           Rated operational voltage         V         480         40           Maximum fuse size for short-circuit protection in (gG)         IUL/CSA         A         20           Operational current lew         1s         A         20           AC1/AC21A         A         16         10           220/200V         A         8         380/400V         A         6           200/200V         A         8         380/400V         A         6           200/200V         KW         5.5         5         5         5           Rated operational power in AC         1.5         1.5         5         10					GN20
N° of elements         4           Options         Enlarged plate           Options         Enlarged plate           Contract characteristics         IEC/EN         V         690           Rated insulation voltage Ui         IEC/EN         V         690           Conventional free air thermal current th         IEC/EN         A         20           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current lew         15         A         20           Rated short time current lew         15         A         20           Operational current le IEC/EN         A         10         220/230V         A         8           AC15         110V         A         10         220/230V         KW         5.5           Sold-400V         A         6         660/690V         A         1.5           Rated operational power in AC         10V         KW         5.5         500/690V         KW         5.5           Single-phase AC-3         110V         KW         5.5         500/690V         KW         5.5           Single-phase AC23A					10
Options         Enlarged plate           Contact characteristics         Enlarged plate           Rated insulation voltage Ui         IEC/EN         V         690           Rated insulation voltage Uimp         kV         6         600           Conventional free air thermal current Ith         IEC/EN         A         20           Rated operational voltage         V         480         Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current lcw         1s         A         250         0           Operational current Ie IEC/EN         A         20         25kA         A         16           Rated operational power in AC         AC15         110V         A         10         220/230V         A         8         380/400V         A         6         660/690V         A         15         Rated operational power in AC         Three-phase AC-3         110V         KW         3					
Contact characteristics         IEC/EN         V         690           Rated insulation voltage Ui         IEC/EN         V         600           Conventional free air thermal current lth         IEC/EN         A         20           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         20           Rated short time current lcw         1s         A         20           Operational current letC/EN         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         10V         S         5.5         5           Rated operational power in AC         380/440V         KW         3.5         5         5         5           Single-phase AC-3         110V         KW         0.8         220/230V         KW         3           200/230V         kW         5.5         5         5         5         5         5           Rated operational power in AC         10V         kW         0.8         220/230V         kW         2.5 <td></td> <td></td> <td></td> <td></td> <td></td>					
IEC/EN         V         690           IEC/EN         V         690           IEC/EN         V         690           IEC/EN         A         20           IEC/EN         A         20           UL/CSA         A         20           IEC/EN           AC1/AC21A           AC15         IIIV         A         10           IEC/EN           AC15         IIIV         A         IEC/EN           AC16         IEC/EN           AC1/AC21A         IIIV         A         100V         A         20           AC15         IIIV         A         20           Three-phase AC-3         IIIV <th< td=""><td></td><td></td><td></td><td></td><td>Enlarged plate</td></th<>					Enlarged plate
IEC/EN         V         690           Rated impulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         20           Rated operational voltage         V         480         A         20           Rated operational voltage         V         480         A         20           Rated short time current low         10kA         A         20           Conventional current IcW         1s         A         20           Act1/AC21A         A         20         A           Act1/C21A         A         20         A           Act1/C21A         A         10         220/230V         A         8           380/400V         A         6         660/690V         A         1.5           Rated operational power in AC         110V         XW         3         380/440V         KW         3           220/230V         kW         3.5         55         500/690V         kW         3         380/440V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           200/690V         kW         <					
UL/CSA         V         600           Rated impulse withstand voltage Uimp         KV         6           Conventional free air thermal current Ith         IEC/EN         A         20           Rated operational voltage         V         480         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           25kA         A         16         16           Rated short time current Icw         18         A         250           Operational current Ie IEC/EN         A         20         220/230V           AC15         10V         A         10           220/230V         A         8         380/400V         A           AC15         110V         A         6         6           Conferentional power in AC         Three-phase AC-3         220/230V         KW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         KW         5.5           Single-phase AC-3         110V         kW         5.5         500/690V         kW         5.5           Single-phase AC23A         220/230V         kW         5         380/440V         kW         5.5	Rated insulation voltag			V	600
Rated impulse withstand voltage Uimp         kV         6           Conventional free air thermal current lth         IEC/EN         A         20           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current lcw         10kA         A         20           Qperational current le IEC/EN         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         15         10V         KW         3           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3         360/440V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         210V         kW         5.5         380/440V         kW         7.5           Single-phase AC23A         220/230V         kW         7.5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8					
Conventional free air thermal current lth         IEC/EN         A         20           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current lcw         1s         A         20           Operational current le IEC/EN         A         20           AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A           Rated operational power in AC         Three-phase AC-3         110V         A         6           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         5.5           Single-phase AC23A         220/230V         kW         5.5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3.5           Sin	Rated impulse withsta	nd voltage Llimp	ULICOA		
IEC/EN         A         20           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection ln (gG)         10kA         A         20           25kA         A         16           Rated short time current lcw         1s         A         250           Operational current le IEC/EN         A         20           AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A           S80/400V         A         6         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Single-phase AC-3         110V         kW         2.8         380/440V         kW         3           Three-phase AC23A         110V         kW         5         380/440V         kW         5           Single-phase AC23A         110V         kW         2.5         380/440V         kW         2.5         380/440V         2.5				ΓV	0
UL/CSA         A         20           Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current low         1s         A         250           Operational current le IEC/EN         A         20           AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A           Rated operational power in AC         Three-phase AC-3         220/230V         KW         3           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.2           Single-phase AC23A         220/230V         KW         5.5         500/690V         KW         5.5           Single-phase AC23A         220/230V				۸	20
Rated operational voltage         V         480           Maximum fuse size for short-circuit protection In (gG)         10kA         A         20           Rated short time current Icw         1s         A         250           Operational current le IEC/EN         A         20           AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A           660/690V         A         1.5         S           Rated operational power in AC         220/230V         kW         3           Three-phase AC-3         220/230V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         5.5         S           Single-phase AC-3         110V         kW         2.8           220/230V         kW         5.5         S           Single-phase AC-3         220/230V         kW         5.5           Single-phase AC23A         220/230V         kW         5.5           Single-phase AC23A         220/230V         kW         2.5           Single-phase AC23A         220/230V <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Maximum fuse size for short-circuit protection ln (gG)         10kA         A         20           25kA         A         16           Rated short time current lcw         1s         A         250           Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         Rated operational power in AC         Three-phase AC-3         220/230V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         5           Single-phase AC23A         110V         kW         0.8         220/230V         kW <td< td=""><td colspan="4"></td><td></td></td<>					
10kA         A         20           Rated short time current low         1s         A         250           Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         A         26           Rated operational power in AC         Three-phase AC-3         10V         KW         3           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.2           Single-phase AC-3         110V         KW         0.8         220/230V         KW         2.2           Single-phase AC-3         110V         KW         5.5         5         5           Single-phase AC-3         110V         KW         7.5         5         5           Single-phase AC23A         110V         KW         7.5         5         5         5           Single-phase AC23A         110V         KW         7.5         3         3         3         3         3         3         3         3         3         3         3			v	400	
25kA         A         16           Rated short time current lcw         1s         A         250           Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         1.5         1.5         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3         380/440V         kW         3           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         5           Single-phase AC-3         110V         kW         5         380/440V         kW         5           Single-phase AC23A         220/230V         kW         5         380/440V         kW         5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5 </td <td></td> <td>short-circuit protection in (ge)</td> <td>1044</td> <td>۸</td> <td>20</td>		short-circuit protection in (ge)	1044	۸	20
Rated short time current low         1s         A         250           Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         660/690V         A         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3           380/440V         kW         5.5         500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC23A         110V         kW         5.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20           60V					
1s         A         250           Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         1.5         1.5         1.5           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           Bingle-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           Single-phase AC-3         110V         kW         0.8         220/230V         kW         5           Single-phase AC23A         220/230V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3.7           Rated operational current in DC         220/230V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC         220/230V	Pated short time curre	nt low	ZJKA	Λ	10
Operational current le IEC/EN         AC1/AC21A         A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         6         6         6           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3         380/440V         kW         5.5           Single-phase AC-3         220/230V         kW         0.8         220/230V         kW         2.2           380/440V         kW         0.8         220/230V         kW         2.2         380/440V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         3         3         380/440V         kW         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         220/230V         kW         7.5         380/440V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20         60V<	Raleu Short lime curre	THE ICW	10	۸	250
AC1/AC21A  AC1/AC21A  AC15  AC1  AC1	Operational current la IEC/EN		13	~	230
A         20           AC15         110V         A         10           220/230V         A         8         380/400V         A         6           660/690V         A         1.5         15         15         15           Rated operational power in AC         Three-phase AC-3         220/230V         kW         3         380/40V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           A         100V         kW         0.8         220/230V         kW         2.2           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           A         Three-phase AC23A         220/230V         kW         5.5         5           Single-phase AC23A         220/230V         kW         7.5         5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         3.7         20         380/440V					
AC15         110V         A         10           220/230V         A         8         380/400V         A         6           Bated operational power in AC         Three-phase AC-3         220/230V         kW         3           220/230V         kW         3         380/40V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         2.2         380/440V         kW         2.2         380/440V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20         60V         A         20           110V         A         4         220V         A         0.6				Δ	20
110V         A         10           220/230V         A         8           380/400V         A         6           660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3           220/230V         kW         3           380/440V         kW         3           380/440V         kW         5.5           500/690V         kW         2.2           380/440V         kW         0.8           220/230V         kW         2.2           380/440V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         2.2           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         2.5         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           48V         A         20         60V		AC15		Λ	20
220/230V         A         8           380/400V         A         6           660/690V         A         1.5           Rated operational power in AC           Three-phase AC-3           220/230V         kW         3           380/440V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         5         380/440V         kW         2.2           380/440V         kW         0.8         220/230V         kW         2.2           380/440V         kW         2.2         380/440V         kW         3           Three-phase AC-3           110V         kW         0.8         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8           220/230V         kW         5           Single-phase AC23A         110V         kW         0.8           20/230V         kW         5           Single-phase AC23A         10V         kW<		A013	110\/	Δ	10
380/400V         A         6           660/690V         A         1.5           Rated operational power in AC         220/230V         kW         3           220/230V         kW         3         380/440V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         2.2         380/440V         kW         2.2           380/440V         kW         2.2         380/440V         kW         2.2           380/440V         kW         2.2         380/440V         kW         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         7.5         380/440V         kW         2.5           380/440V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC         20         48V         A         20           60V         A         20         110V         A         4           220V         A         0.6         30					
660/690V         A         1.5           Rated operational power in AC         220/230V         kW         3           220/230V         kW         5.5         500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         2.2         380/440V         kW         2.2           380/440V         kW         2.2         380/440V         kW         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         2.5         380/440V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20           60V         A         20         60V         A         20           110V         A         4         220V         A         0.6					
Rated operational power in AC Three-phase AC-3           220/230V         kW         3           380/440V         kW         5.5           500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         2.2         380/440V         kW         3           Three-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         3         3         3         3         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Rated operational current in DC         DC21A         48V         A         20           60V         A         20         60V         A         20           110V         A         4         220V         A         0.6					
Three-phase AC-3         220/230V         kW         3           380/440V         kW         5.5         500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8         220/230V         kW         2.2           380/440V         kW         2.2         380/440V         kW         3         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         5           Single-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20         60V         A         20           60V         A         20         110V         A         4         220V         A         0.6	Rated operational power in AC		000,0001		
220/230V         kW         3           380/440V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         2.2         380/440V         kW         3           Three-phase AC23A         220/230V         kW         5         380/440V         kW         5           Single-phase AC23A         220/230V         kW         5         380/440V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Sa80/440V         kW         3.7         3.7         3.7           Rated operational current in DC         20         48V         A         20           DC21A         48V         A         20         110V         A         4           220V         A         0.6         3.6 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
380/440V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         3         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         5           Single-phase AC23A         110V         kW         0.8           220/230V         kW         7.5         5           Single-phase AC23A         110V         kW         0.8           220/230V         kW         2.5         380/440V         kW         3.7           Rated operational current in DC         220/230V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC         200         48V         A         20         60V         A         20           110V         A         4         220V         A         0.6			220/230V	kW	3
500/690V         kW         5.5           Single-phase AC-3         110V         kW         0.8           220/230V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         5         380/440V         kW         7.5           Single-phase AC23A         220/230V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         3.7           Rated operational current in DC         200/230V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC         200/230V         kW         3.2         3.7           C1A         48V         A         20         60V         A         20           60V         A         20         110V         A         4         220V         A         0.6					
Single-phase AC-3         110V         kW         0.8           220/230V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           Rated operational current in DC         DC21A         48V         A         20           60V         A         20         60V         A         20           110V         A         4         220V         A         0.6			500/690V	kW	
110V         kW         0.8           220/230V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           48V         A         20         60V         A         20           110V         A         4         220/230V         A         0.6		Single-phase AC-3			
220/230V         kW         2.2           380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         2.5         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           48V         A         20         60V         A         20           110V         A         4         220V         A         0.6			110V	kW	0.8
380/440V         kW         3           Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           48V         A         20         110V         A         4           220V         A         0.6         110V         A         4					
Three-phase AC23A         220/230V         kW         5           380/440V         kW         7.5         500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8         220/230V         kW         2.5           380/440V         kW         3.7         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           60V         A         20         110V         A           220/2         A         0.6         0.6					
220/230V       kW       5         380/440V       kW       7.5         500/690V       kW       7.5         Single-phase AC23A       110V       kW       0.8         220/230V       kW       2.5         380/440V       kW       3.7         Rated operational current in DC         DC21A       48V       A       20         60V       A       20         110V       A       4         220/23       A       0.6		Three-phase AC23A			
500/690V         kW         7.5           Single-phase AC23A         110V         kW         0.8           220/230V         kW         2.5         380/440V         kW         3.7           Rated operational current in DC           DC21A         48V         A         20           60V         A         20         110V         A         4           220/2         A         0.6         110V         A         4			220/230V	kW	5
Single-phase AC23A       110V       kW       0.8         220/230V       kW       2.5         380/440V       kW       3.7         Rated operational current in DC         DC21A       48V       A       20         60V       A       20       110V       A       4         220V       A       0.6       0.6			380/440V	kW	7.5
110V       kW       0.8         220/230V       kW       2.5         380/440V       kW       3.7         Rated operational current in DC         DC21A       48V       A       20         60V       A       20         110V       A       4         220V       A       0.6			500/690V	kW	7.5
220/230V       kW       2.5         380/440V       kW       3.7         Rated operational current in DC         DC21A       48V       A       20         60V       A       20         110V       A       4         220V       A       0.6		Single-phase AC23A			
380/440V         kW         3.7           Rated operational current in DC         DC21A         48V         A         20           60V         A         20         110V         A         4           220V         A         0.6         0.6         0.6			110V	kW	0.8
Rated operational current in DC         DC21A         48V         A         20           60V         A         20           110V         A         4           220V         A         0.6			220/230V	kW	2.5
DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6			380/440V	kW	3.7
48V A 20 60V A 20 110V A 4 220V A 0.6					
60V A 20 110V A 4 220V A 0.6		DC21A			
110V A 4 220V A 0.6					
220V A 0.6					
440V A 0.25					
			440V	A	0.25

7GN20H12U



	DC23A (poles in series)			
		24V	А	20 (1)
		48V	A	20 (2)
		60V	A	20 (2)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	220 V	Λ	0 (4)
	Della	24V	А	20
		48V	A	16
		48V 60V	A	12
		110V	A	1
		220V	A	0.4
		440V		0.4
Mechanical features		440 V	A	0.15
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.5
Conductor size			INIT	0.0
Conductor size	ANAC Bigid coblo			
	AWG - Rigid cable			20
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
	Conductor size (IEC) - Rigid cable			
		Max	mm²	2.5
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete