



10.03.2025

| SLD 21 -C |                                                         |        |          |
|-----------|---------------------------------------------------------|--------|----------|
| Name      | Bezeichnung                                             | Value  | Unit     |
| p300      | Motor type selection                                    | 4      |          |
| p301      | Motor code number selection                             | 0      |          |
| p305      | Rated motor current                                     | 4,10   | Aeff     |
| p311      | Rated motor velocity                                    | 300,00 | m/min    |
| p315      | Motor pole pair width                                   | 28,00  | mm       |
| p316      | Motor force constant                                    | 69,00  | N/Aeff   |
| p322      | Motor maximum velocity                                  | 300,00 | m/min    |
| p323      | Maximum motor current                                   | 12,00  | Aeff     |
| p338      | Motor limit current                                     | 12,00  | Aeff     |
| p341      | Motor weight                                            | 8,28   | kg       |
| p312      | Rated motor force                                       | 285,00 | N        |
| p317      | Motor voltage constant                                  | 99,70  | Veff s/m |
| p318      | Motor stall current                                     | 4,10   | Aeff     |
| p319      | Motor stall force                                       | 285,00 | N        |
| p320      | Motor rated magnetizing current/short-circuit current   | 0,001  | Aeff     |
| p325      | Motor pole position identification current 1st phase    | 0,000  |          |
| p326      | Motor stall force correction factor                     | 100,00 | %        |
| p327      | Optimum motor load angle                                | 90,00  | °        |
| p328      | Motor reluctance force constant                         | 0,00   | mH       |
| p329      | Motor pole position identification current              | 6,00   | Aeff     |
| p348      | Velocity at the start of field weakening Vdc = 600 V    | 300,00 | m/min    |
| p391      | Current controller adaptation starting point KP         | 4,10   | Aeff     |
| p392      | Current controller adaptation starting point KP adapted | 12,00  | Aeff     |
| p393      | Current controller adaptation p gain adaptation         | 30,00  | %        |
| p350      | Motor stator resistance cold                            | 3,14   | Ohm      |
| p356      | Motor stator leakage inductance                         | 18,50  | mH       |
| p604      | Mot_temp_mod 2: sensor alarm threshold                  | 100,00 | °C       |
| p605      | Mot_temp_mod 1/2 sensor threshold and temperature value | 105,00 | °C       |
| p606      | Mot_temp_mod 2: sensor timer                            | 1,00   | s        |
| p611      | I2t motor model thermal time constant                   | 30,00  | s        |
| p612.0    | Activate mot_temp_mod 1 (I2t)                           | 1,00   |          |
| p615      | Mot_temp_mod 1 (I2t) fault threshold                    | 100,00 |          |
| p1752     | Motor model changeover speed operation with encoder     | 360,00 | m/min    |
| p1980     | PolID technique                                         | 1      |          |
| p1981     | PolID distance max                                      | 30     | °        |