



10.03.2025

| SLD 12 |                                                         |        |          |
|--------|---------------------------------------------------------|--------|----------|
| Name   | Bezeichnung                                             | Value  | Unit     |
| p300   | Motor type selection                                    | 4      |          |
| p301   | Motor code number selection                             | 0      |          |
| p305   | Rated motor current                                     | 3,60   | Aeff     |
| p311   | Rated motor velocity                                    | 300,00 | m/min    |
| p315   | Motor pole pair width                                   | 28,00  | mm       |
| p316   | Motor force constant                                    | 74,00  | 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                                            | 6,82   | kg       |
| p312   | Rated motor force                                       | 265,00 | N        |
| p317   | Motor voltage constant                                  | 106,00 | Veff s/m |
| p318   | Motor stall current                                     | 3,60   | Aeff     |
| p319   | Motor stall force                                       | 265,00 | 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              | 8,00   | Aeff     |
| p348   | Velocity at the start of field weakening Vdc = 600 V    | 300,00 | m/min    |
| p391   | Current controller adaptation starting point KP         | 3,60   | 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                            | 3,77   | Ohm      |
| p356   | Motor stator leakage inductance                         | 19,50  | 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     | °        |