FENNER QD:NEO Inverter IP20

The Fenner QD:NEO is designed for fast installation and commissioning, Fenner NEO variable frequency drives provide the most cost effective solution for industry. All Fenner NEO units provide 150% overload for 60 seconds as standard, ensuring each drive is suitable for Heavy Duty applications, whilst the IP55 enclosed versions ensure the drive is tough enough to survive in industrial environments.
Extensive I/O and communications interface capabilities ensure the drive can be integrated quickly and efficiently into a wide variety of control systems with the minimum commissioning time, ensuring rapid start up. Fenner NEO's simple parameter structure, and carefully selected factory parameter settings ensure that commissioning time is kept to a minimum.

Characteristics

Series: QD
Type: NEO

Application

- ♦ Sensorless Vector Control - up to 200% torque from 0 speed ensures reliable starting and accurate speed control under all load conditions.♦ Up to 32kHz Output Switching Frequency gives ultra quiet motor operation♦ Bluetooth compatible Q-Stick for fast, accurate repeat programming.♦ All QD:Neo units provide 150% overload for 60 seconds as standard, ensuring each drive is suitable for heavy duty applications.♦ Stand Alone Versatility, the IP55 & IP66 enclosures are perfect for standalone installations, washdown and dustproof enviroments.

Technical Information

- ♦ Only 14 basic parameters.♦ Integral Brake Transistor.♦ Modbus and CANopen as standard.♦ Safe Torque Off function.

Construction

- ♦ IP20, IP55 and IP66 enclosures♦ Pluggable control terminals♦ Internal RFI filter complies with the latest EMC standards♦ Integral Brake Transistot saves space, cost and time for installation

Execution

- ♦ Constant Torque 0,75kW - 200kW♦ DIN Rail Mount IP20

Supply voltage	Input Phases	Output current	Motor power	Braking Chopper	Degree of protection (IP)	Safe Torque Off	Article
V		A	kW				
200-240	1	4.1	0.75	No	IP20	Yes	12436603
200-240	1	7	1.5	No	IP20	Yes	12436604
200-240	1	10.5	2.2	No	IP20	Yes	12436605
200-240	3	24	11	No	IP20	Yes	12436616
380 - 480	3	2.2	0.75	No	IP20	Yes	12436610
380 - 480	3	4	1.5	Yes	IP20	Yes	12427950
380 - 480	3	5.8	2.2	No	IP20	Yes	12436611
380 - 480	3	9.5	4	No	IP20	Yes	12436612
380 - 480	3	14	5.5	No	IP20	Yes	12436613
380 - 480	3	18	7.5	No	IP20	Yes	12436615
380 - 480	3	400	200	No	IP20	Yes	13364625

PR_EC002025_0003_JB_EN_14.05.2024

ERIKS NV | Tel: +32 56 41 47 65 | E-mail: mgd@eriks.be