



FENNER QD:NEO Inverter IP66

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 environments. Recommended in: Food & Beverages

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 Transistor 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	4.3	0.75	No	IP66	Yes	13364616
200-240	1	4.3	0.75	No	IP66	Yes	12436617
200-240	1	7	1.5	No	IP66	Yes	13364618
200-240	1	7	1.5	No	IP66	Yes	12436618
200-240	1	10.5	2.2	No	IP66	Yes	13364620
200-240	1	10.5	2.2	No	IP66	Yes	12436619
380 - 480	3	2.2	0.75	No	IP66	Yes	12436624
380 - 480	3	4	1.5	No	IP66	Yes	12436625

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Supply voltage V	Input Phases	Output current A	Motor power kW	Braking Chopper	Degree of protection (IP)	Safe Torque Off	Article
380 - 480	3	5.8	2.2	No	IP66	Yes	12436626
380 - 480	3	7.5	4	No	IP66	Yes	12436627
380 - 480	3	14	5.5	No	IP66	Yes	12436628
380 - 480	3	18	7.5	No	IP66	Yes	12436629

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