

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

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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
 Internal RFI filter complies with the latest
 EMC standards
 Integral Brake Transistot saves
 space, cost and time for installation

Execution

Input Phases	Output current	Motor power	Braking Chopper	Degree of protection (IP)	Safe Torque Off	Article
	Α	kW				
1	4.1	0.75	No	IP20	Yes	12436603
1	7	1.5	No	IP20	Yes	12436604
1	10.5	2.2	No	IP20	Yes	12436605
3	24	11	No	IP20	Yes	12436616
3	2.2	0.75	No	IP20	Yes	12436610
3	4	1.5	Yes	IP20	Yes	12427950
3	5.8	2.2	No	IP20	Yes	12436611
3	9.5	4	No	IP20	Yes	12436612
3	14	5.5	No	IP20	Yes	12436613
3	18	7.5	No	IP20	Yes	12436615
3	400	200	No	IP20	Yes	13364625
	1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	A 1 4.1 1 7 1 10.5 3 24 3 2.2 3 4 3 5.8 3 9.5 3 14 3 18	A KW 1 4.1 0.75 1 7 1.5 1 7 2.2 3 24 11 3 2.2 0.75 3 4 1.5 3 5.8 2.2 3 9.5 4 3 14 5.5 3 18 7.5	AKW14.10.75No171.5No171.5No110.52.2No32411No32.20.75No341.5Yes35.82.2No39.54No3145.5No3187.5No	Input PhasesOutput currentMotor powerBraking Chopperprotection (IP)AKW14.10.75NoIP20171.5NoIP20110.52.2NoIP2032411NoIP2032.20.75NoIP20341.5YesIP2035.82.2NoIP2039.54NoIP203145.5NoIP203187.5NoIP20	Mpd Phases Output current Motor power Braking Chopper protection (IP) Sale forque Of A KW KW KM KM KM KM 1 4.1 0.75 No IP20 Yes Yes 1 7 1.5 No IP20 Yes Yes 1 10.5 2.2 No IP20 Yes Yes 3 24 11 No IP20 Yes Yes 3 2.2 0.75 No IP20 Yes Yes 3 4 1.5 Yes IP20 Yes Yes 3 5.8 2.2 No IP20 Yes Yes 3 9.5 4 No IP20 Yes Yes 3 14 5.5 No IP20 Yes Yes 3 18 7.5 No IP20 Yes Yes

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