



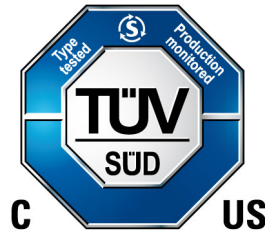
America

CERTIFICATE

No. U8V 080353 0010 Rev. 00

Holder of Certificate: **Fagor Automation, S. Coop.**
San Andrés Auzoa 19
20500 Arrasate - Mondragón
SPAIN

Certification Mark:



Product: **Power Conversion Equipment**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 713186935-000

Date, 2021-03-06

(Abdul Sabbagh)



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Model(s): QC-abcde-f

- a. It is the type of the module, and can be DR (driver), RPS (Regenerative Power Supply)
- b. It is the power/current of the module, and can be up to 275
- c. It is the Power control of the module, in this case could be N (None), S (Single-axis drive), D (Dual-Axis Drive)
- d. It is the field bus used, and can be N(none), S (Sercos II) or E (Ethernet Base Bus)
- e. It is the input of the feedback and can be 4 digits (xxxx). The x means the version of Input 1...99
- f. It is a non-safety related parameter. Can be one-character A...Z or none. It refers to changes in the power control, removing some parts as brake, PCB with coating or not, 200v supplied.

Tested according to:

UL 61800-5-1:2012/R:2018-06
CSA C22.2 No. 274:2017

Parameters:

QC-DR	007	07 / 07	012	012 / 012	021	021 / 021	030	030 / 030	040	055	080	120	160	225	275
Input at A17															
Rated voltage (V DC)	280-800 VDC														
Rated current (A, RMS)	6,9	5,6	11,9	9,7	20,8	17	29	24,3	39	54	79	119	158	242	316
Rated power (Kw/HP)	3,9 / 5,3	3,2 / 4,3	6,7 / 9	7,1 / 9,5	11,7 / 15,7	12 / 16	16 / 22	17 / 23	22 / 30	30 / 41	44 / 60	67 / 90	89 / 120	136 / 183	179 / 240
Rated frequency (Hz)	DC														
Class of equipment:	I														
OUTPUT at X11, X11A, X11B															
Rated voltage:	0-480 VAC														
Rated frequency:	0-880 Hz														
Rated current (A, RMS)	5,3	3,5A-X11A 3,5A-X11B	9,2	6 A-X11A 6 A-X11B	16,1	10,5-X11A 10,5-X11B	23	15-X11A 15-X11B	30	42	61	92	123	187	245
Rated power (Kw)	3,7	2,4-X11A 2,4-X11B	6,3	4,1-X11A 4,1-X11B	11,1	7-X11A 7-X11B	15	10-X11A 10-X11B	21	29	42	63	85	129	170
Rated power (HP)	5	3,2-X11A 3,2-X11B	8,5	5,5-X11A 5,5-X11B	15	9-X11A 9-X11B	21	13-X11A 13-X11B	28	39	57	85	114	174	228

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QC-RPS	10/20*	15/30*	23/45*	33/65*	40/80*	80/160*
Input at X11						
Rated voltage (V DC)	3 AC 200 VAC (1-10%) / 480 VAC (1+10%)					
Rated current (A, RMS) at 400 Vac	30	47,6	70	100	123	245
Rated power (Kw/HP)	20/27	32 / 44	48 / 65	69 / 92	85 / 114	170 / 228
Rated frequency (Hz)	50-60 Hz					
Class of equipment:	I					
OUTPUT at A17						
Rated voltage:	280-800 VDC					
Rated frequency:	DC					
Rated current (A, RMS) at 625 Vdc BUS	32	52	76	109	134	269
Rated power (Kw/HP)	19/ 26	31/ 42	46 / 61	65 / 88	80 / 108	161 / 216

Conditions of acceptability

- This equipment is for indoor use in non-hazardous locations, operated by qualified personnel skilled in its use.
- The EUT (Equipment under testing) shall be supplied with the specified rated voltages according to the user manual.
- The EUT fulfils the requirements of the tested standards only, if it is operated according to the user manual and inside an appropriate fire enclosure for protection against the spread of fire and for protection in case of direct contact.
- The EUT fulfils the requirements of the tested standards only, if it is operated with a certified overcurrent protection device according to the manual and the tested standards.
- The EUT fulfils the requirements of the tested standards only, if it is operated with a certified EMI Filter, a certified input choke and a certified break resistor according to the manual and the tested standards. In the list of materials and components separately evaluated are the EMI filter, the input choke and the break resistor listed, which were used for the testing of the EUT. These components were evaluated in detail and may be used with the EUT.
- The EUT fulfils the requirements of the tested standards only, if it is used with a solid-state short circuit protection circuitry according to the user manual
- The disconnection device for the EUT is part of the end application and must fulfil the requirements of the tested standards.
- The final application must protect the equipment against mechanical hazards and resistance to mechanical stresses but has to provide sufficient space for cooling. Iron and steel parts shall be protected against corrosion.

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