

ICO 



l'apparecchiatura può essere modificata senza preavviso

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GLOBAL

ENERGY SAVER

FIVE
Technical Data



Technical Data

Electrical Data

Nominal Power	20 kVA
Nominal Voltage	400 V
Input Voltage	Range 380 - 440 V
Frequency	50 Hz

Electrical Connection

Input Terminal	25 mmq
Output Terminal	25 mmq
Raccomanded Cable Size	16 mmq
Earth Cable Size	6 mmq

Performance

Range Saving	5 - 10%
System Efficiency	> 99%

Ambiental Data

Temperature	5 - 45°C
Humidity	0 - 95%
Altitude	< 2.000 m

Other Features

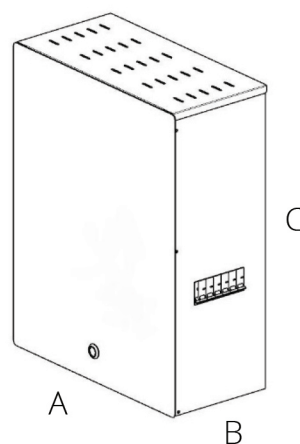
IP Protection	21
Installation	Indoor
Aeration	Natural
Automatic By-Pass	Yes
Max By-pass Corrent	40 A (40°C)
Max Operative Current	40 A
Isolation Class	H/H
Short circuit current lcw	6 kA
By-pass Time	Immediately

Warranty

Machine	1 years
Expected Life	10 years
Performance degradation	None

Size and Weight

Width (A)	470 mm
Depth (B)	220 mm
Height (C)	600 mm
Weight	58,5 kg



Certifications

- Declaration of CE conformity
- Safety power transformers IEC/EN 61558
- Electromagnetic compatibility IEC/EN 61000
- Low voltage swintchgear and controlgear Assembleas IEC/EN 61439



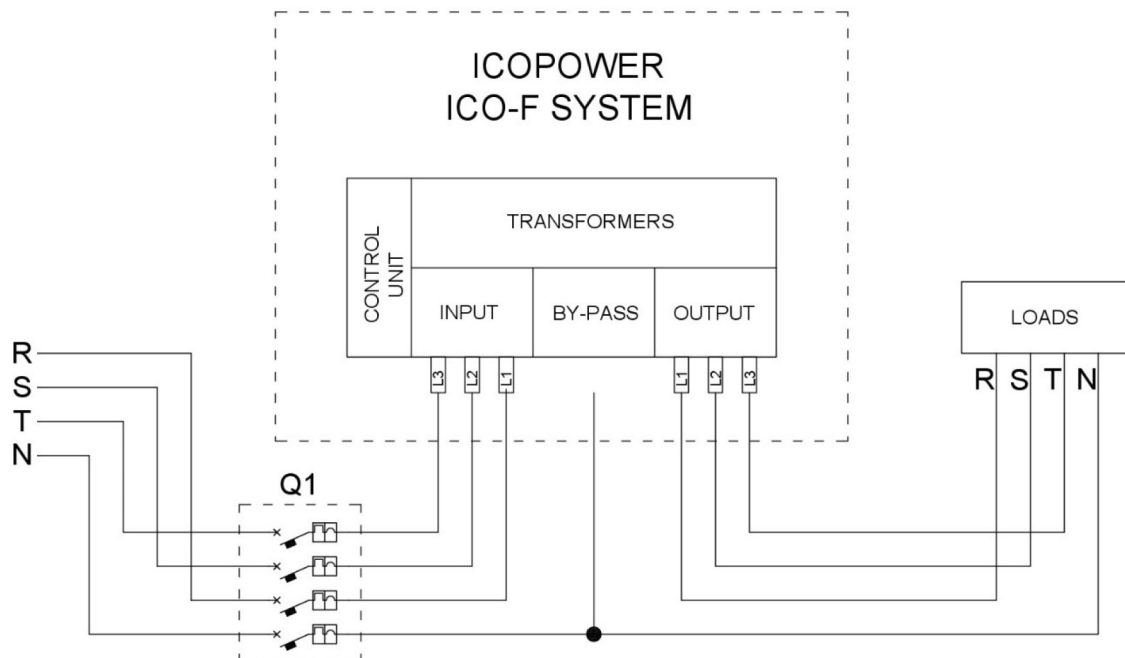
Technical Data

ATTACHED A

Pre-installation diagram without ICO-F system



Post-installation diagram with ICO-F system



Technical Data

ATTACHED B

ELECTROMAGNETIC COMPATIBILITY TEST	TEST REPORT
LABORATORIO DI INGEGNERIA ELETTRICA	DOC. TR 17-12 LIE

CONDUCTED EMISSION TEST

EUT:	ICO – F
P/N:	30008030317032
Operating condition:	Standard
Test site:	Laboratorio di Ingegneria Elettrica
Test specification:	Phase 2
Comment:	Online

MEASUREMENT SETTINGS

Start frequency	Stop frequency	Scan step	Res. Bandwidth	Final scan	Dwell time
0,15 MHz	30 MHz	5 kHz	9 kHz	Peak	20 ms
0,15 MHz	30 MHz	5 kHz	9 kHz	Average	20 ms

Antenna	Correction factor 1	Correction factor 2	Correction factor 3	Scan	Reference
Att. 20dB	Att. Cavi 5m UFA210A + 10m UFB311A	–	ESBI	Lin	A-76- 843385/004

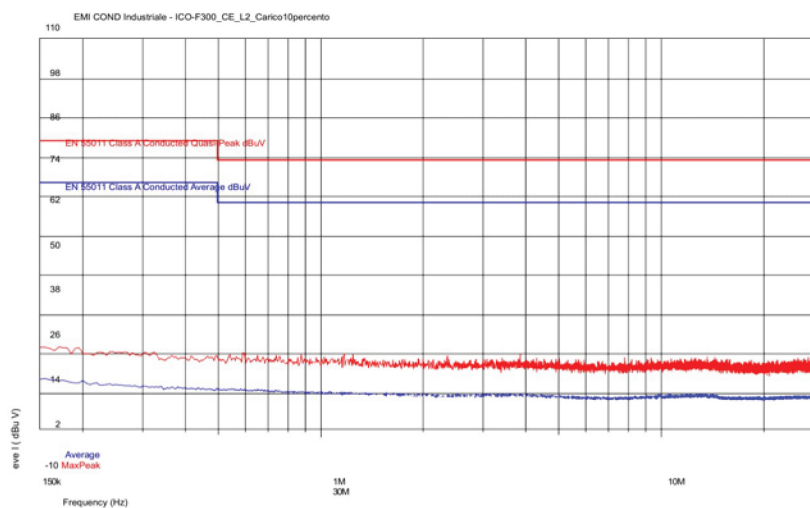


Fig. 6: conducted emissions measurement on L2 conductor

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