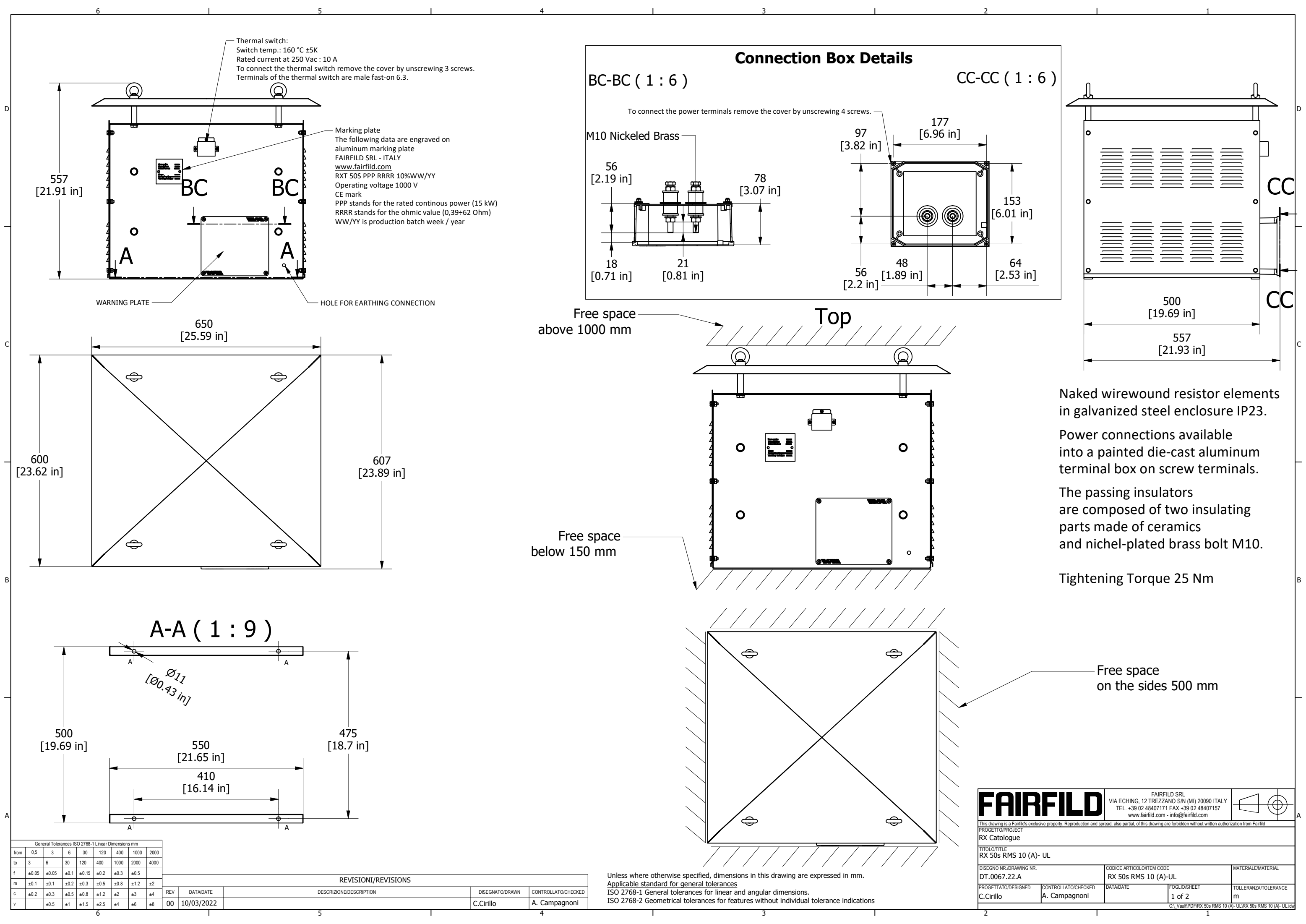




Thermal switch:
Switch temp.: 160 °C ±5K
Rated current at 250 Vac : 10 A
To connect the thermal switch remove the cover by unscrewing 3 screws.
Terminals of the thermal switch are male fast-on 6.3.

Marking plate
The following data are engraved on
aluminum marking plate
FAIRFIELD SRL - ITALY
www.fairfield.com
RXT 50S PPP RRRR 10%WW/YY
Operating voltage 1000 V
CE mark
PPP stands for the rated continuous power (15 kW)
RRRR stands for the ohmic value (0,39÷62 Ohm)
WW/YY is production batch week / year

Connection Box Details

BC-BC (1 : 6)

CC-CC (1 : 6)

To connect the power terminals remove the cover by unscrewing 4 screws.

M10 Nickeled Brass

Free space
above 1000 mm

Free space
below 150 mm

Naked wirewound resistor elements
in galvanized steel enclosure IP23.

Power connections available
into a painted die-cast aluminum
terminal box on screw terminals.

The passing insulators
are composed of two insulating
parts made of ceramics
and nichel-plated brass bolt M10.

Tightening Torque 25 Nm

Free space
on the sides 500 mm

A-A (1 : 9)

Ø11
[00.43 in]

General Tolerances ISO 2768-1 Linear Dimensions mm							
from	0,5	3	6	30	120	400	1000
to	3	6	30	120	400	1000	2000
f	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5
m	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
c	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3
v	±0.5	±1	±1.5	±2.5	±4	±6	±8

REVISIONI/REVISIONS				DISEGNATO/DRAWN		CONTROLLATO/CHECKED	
REV	DATA/DATE	DESCRIZIONE/DESCRIPTION					
00	10/03/2022			C.Cirillo		A. Campagnoni	

Unless where otherwise specified, dimensions in this drawing are expressed in mm.
Applicable standard for general tolerances
ISO 2768-1 General tolerances for linear and angular dimensions.
ISO 2768-2 Geometrical tolerances for features without individual tolerance indications

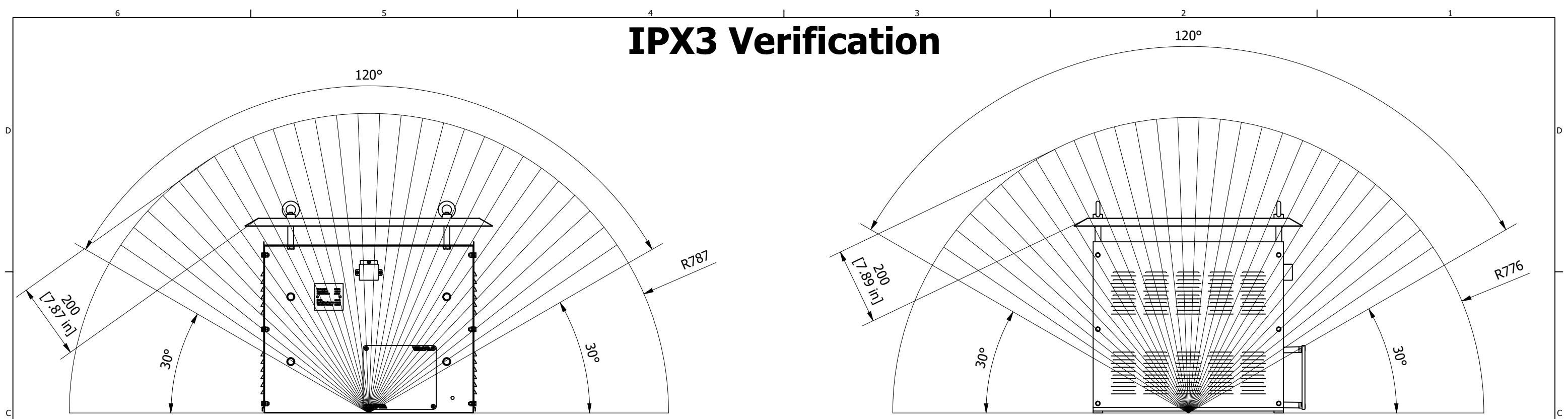
FAIRFIELD

FAIRFIELD SRL
VIA ECHING, 12 TREZZANO S/N (MI) 20090 ITALY
TEL. +39 02 48407171 FAX +39 02 48407157
www.fairfield.com - info@fairfield.com

This drawing is a Fairfield's exclusive property. Reproduction and spread, also partial, of this drawing are forbidden without written authorization from Fairfield				PROGETTO/PROJECT RX Catalogue	
TITOLO/TITLE RX 50s RMS 10 (A)- UL					
DISEGNO NR./DRAWING NR. DT.0067.22.A		CODICE ARTICOLO/ITEM CODE RX 50s RMS 10 (A)-UL		MATERIALE/MATERIAL	
PROGETTATO/DESIGNED C.Cirillo	CONTROLLATO/CHECKED A. Campagnoni	DATA/DATE	FOGLIO/SHEET 1 of 2	TOLLERANZA/TOLERANCE m	

IPX3 Verification

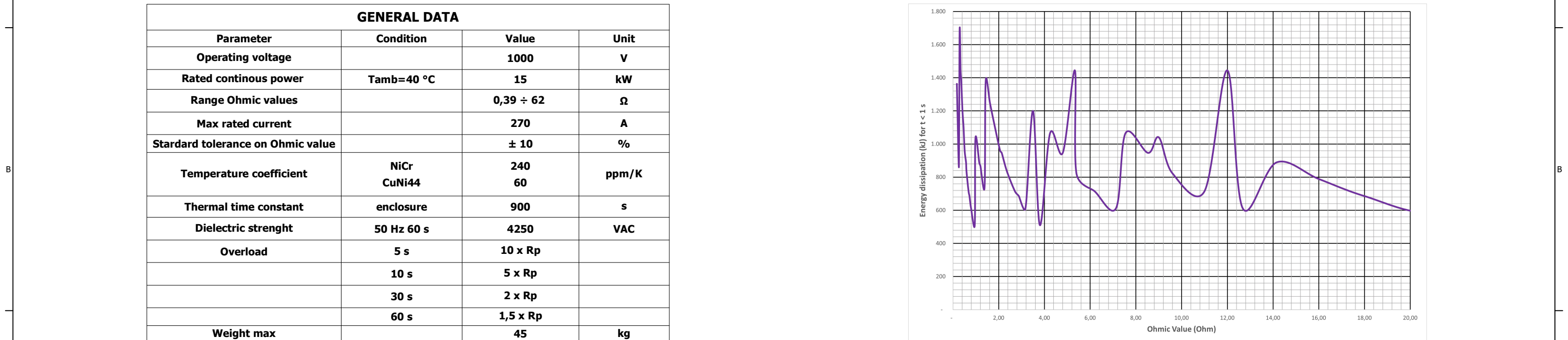
The image contains two technical diagrams for IPX3 verification. The left diagram shows a cabinet with a top-mounted fan and a bottom-mounted fan. A 120-degree spray pattern is shown, with a 30-degree angle indicated. The spray pattern is defined by a radius of R787. The cabinet height is 200 mm. The right diagram shows a similar cabinet with a top-mounted fan and a bottom-mounted fan. A 120-degree spray pattern is shown, with a 30-degree angle indicated. The spray pattern is defined by a radius of R776. The cabinet height is 200 mm.



Energy Dissipation vs. Ohmic Value

B

GENERAL DATA			
Parameter	Condition	Value	Unit
Operating voltage		1000	V
Rated continous power	Tamb=40 °C	15	kW
Range Ohmic values		0,39 ÷ 62	Ω
Max rated current		270	A
Stardard tolerance on Ohmic value		± 10	%
Temperature coefficient	NiCr CuNi44	240 60	ppm/K
Thermal time constant	enclosure	900	s
Dielectric strenght	50 Hz 60 s	4250	VAC
Overload	5 s	10 x Rp	
	10 s	5 x Rp	
	30 s	2 x Rp	
	60 s	1,5 x Rp	
Weight max		45	kg



A	<table> <tr> <td data-bbox="798 1795 2484 1839"> FAIRFILD This drawing is a Fairfild's exclusive property. Reproduction and spread, also partial, of this drawing are forbidden without written authorization from Fairfild PROGETTO/PROJECT RX Catalogue TITOLO/TITLE RX 50s RMS 10 (A)- UL <table> <tr> <td> DISEGNO NR./DRAWING NR. DT.0067.22.A </td><td> CODICE ARTICOLO/ITEM CODE RX 50s RMS 10 (A)-UL </td><td> MATERIALE/MATERIAL </td></tr> <tr> <td> PROGETTATO/DESIGNED C.Cirillo </td><td> CONTROLLATO/CHECKED A. Campagnoni </td><td> DATA/DATE 2 of 2 </td></tr> </table> </td><td data-bbox="2484 1795 2908 1839"> FAIRFILD SRL VIA ECHING, 12 TREZZANO S/N (MI) 20090 ITALY TEL. +39 02 48407171 FAX +39 02 48407157 www.fairfild.com - info@fairfild.com A </td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> </table>	FAIRFILD This drawing is a Fairfild's exclusive property. Reproduction and spread, also partial, of this drawing are forbidden without written authorization from Fairfild PROGETTO/PROJECT RX Catalogue TITOLO/TITLE RX 50s RMS 10 (A)- UL <table> <tr> <td> DISEGNO NR./DRAWING NR. DT.0067.22.A </td><td> CODICE ARTICOLO/ITEM CODE RX 50s RMS 10 (A)-UL </td><td> MATERIALE/MATERIAL </td></tr> <tr> <td> PROGETTATO/DESIGNED C.Cirillo </td><td> CONTROLLATO/CHECKED A. Campagnoni </td><td> DATA/DATE 2 of 2 </td></tr> </table>	DISEGNO NR./DRAWING NR. DT.0067.22.A	CODICE ARTICOLO/ITEM CODE RX 50s RMS 10 (A)-UL	MATERIALE/MATERIAL	PROGETTATO/DESIGNED C.Cirillo	CONTROLLATO/CHECKED A. Campagnoni	DATA/DATE 2 of 2	FAIRFILD SRL VIA ECHING, 12 TREZZANO S/N (MI) 20090 ITALY TEL. +39 02 48407171 FAX +39 02 48407157 www.fairfild.com - info@fairfild.com A				
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