



The **RFIX** series is the latest development for fixed power factor correction of small loads, characterised by its compact dimensions. The compact design and lightness of the solution allows easy and quick wall installation.

PERFORMANCE DATA

■ Rated voltage	415 Vac (others on request)
■ Max. voltage on capacitors (without harmonic distortion)	450 Vac RFIX-B15 series; 550 Vac RFIX-B50 series;
■ Rated frequency	50 Hz (60 Hz on request)
■ Insulation voltage	690 Vac
■ Voltage overload	1.1 Un (rated voltage)
■ Tolerance on capacitance	-5% / +10%
■ Discharge resistance	75V residual within 3 minutes (included)

QUALITY

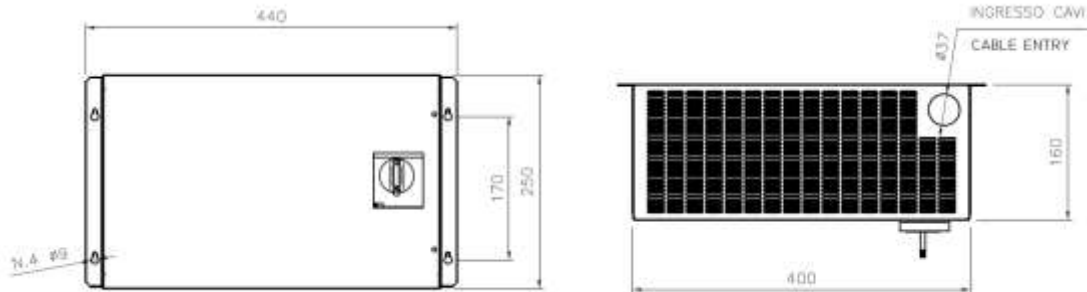
Regulations	IEC/EN 60831-1 / 2, IEC/EN 61921
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TECHNICAL DATA

Power supply	Three-phase + earth.
Degree of protection	IP 30.
Installation	Vertical, wall-mounted . Indoor installation, in a well ventilated position and free from solar radiation.
Ventilation	Natural.
Fuses	T version only. The capacitive batteries are protected by high breaking capacity fuses (100kA). The protection system for the power circuits uses NH-00 curve gG fuses; for the auxiliary circuits sectionable fuse holders and 10.3x38 fuses.
Disconnectors	T version only. Three-phase off-load disconnector with mechanical door interlock.
Capacitors	Single-phase capacitors made of self-healing metallised polypropylene (MKP), equipped with anti-explosion device and discharge resistor. They are impregnated in vegetable oil, free of PCBs. Delta connection. Type of service: continuous. - overvoltage: 1.1 x Un (8h / 24h) - current overload: 1.3 x In - Total dissipation losses: ≤0.4 W/kvar - temperature category: -25 / D

VERSIONS

RFIX	single battery without protection and disconnection device.
RFIX-T	single battery with disconnector and protection fuses.



STANDARD CONFIGURATIONS

Note

- Cable entry is always from top

Code	Type	Qn kvar	A V	In A	capacitance µF	Weight kg	THDI Max. (%)	THDlc Max. (%)
8951412034335	RFIX-B15	3,4	415	4,7	3 x 21	6	15	50
8951412062335	RFIX-B15	6,25	415	8,7	3 x 38,5	6,3	15	50
8951412125335	RFIX-B15	12,5	415	17,4	3 x 77	6,5	15	50
8951412175335	RFIX-B15	17,5	415	24,3	3 x 105	7	15	50
8951412250335	RFIX-B15	25	415	34,8	3 x 154	9,5	15	50
8951412340335	RFIX-B15	34	415	48	3 x 210	10,5	15	50
8951412034350	RFIX-B50	3,4	415	4,7	3 x 21	6	35	80
8951412062350	RFIX-B50	6,25	415	8,7	3 x 38,5	6,3	35	80
8951412125350	RFIX-B50	12,5	415	17,4	3 x 77	6,5	35	80
8951412175350	RFIX-B50	17,5	415	24,3	3 x 105	7	35	80
8951412250350	RFIX-B50	25	415	34,8	3 x 154	9,5	35	80

Solution with disconnector and fuses

Code	Type	Qn kvar	A V	In A	capacitance µF	Weight kg	THDI Max. (%)	THDlc Max. (%)	Protective organ
8951412034355	RFIX-T-B15	3,4	415	4,7	3 x 21	6	15	50	16A fuses
8951412062355	RFIX-T-B15	6,25	415	8,7	3 x 38,5	6,3	15	50	16A fuses
8951412125355	RFIX-T-B15	12,5	415	17,4	3 x 77	6,5	15	50	25A fuses
8951412175355	RFIX-T-B15	17,5	415	24,3	3 x 105	7	15	50	40A fuses
8951412250355	RFIX-T-B15	25	415	34,8	3 x 154	9,5	15	50	50A fuses
8951412340355	RFIX-T-B15	34	415	48	3 x 210	10,5	15	50	80A fuses
8951412034375	RFIX-T-B50	3,4	415	4,7	3 x 21	6	35	80	16A fuses
8951412062375	RFIX-T-B50	6,25	415	8,7	3 x 38,5	6,3	35	80	16A fuses
8951412125375	RFIX-T-B50	12,5	415	17,4	3 x 77	6,5	35	80	25A fuses
8951412175375	RFIX-T-B50	17,5	415	24,3	3 x 105	7	35	80	40A fuses
8951412250375	RFIX-T-B50	25	415	34,8	3 x 154	9,5	35	80	50A fuses