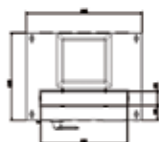


DUCATI 1000-RL/S

Real time automatic PFC equipment

Technical details

- Single-phase capacitors MONO Long Life 4I_N series in PPMh, for a continuous duty under highly demanding condition in harmonic rich environments. Rated voltage 480 V
- Power factor controller FCR with enhanced VLSI and Digital Signal Processor system for FFT measurement. Realtime analysis with duty cycle around 5 millisecond RS-485
- Communication serial port RS-485 and built-in customization help software
- Harmonic filter reactors with tuning frequency 189 Hz ($p=7\%$)
- External steel structure painted with epoxy powder color RAL 7035, with modular chassis style internal structure
- Omni pole disconnecting switch, with door lock, and rated current 1.45 In according to the CEI EN standard
- Static Switching Module SCR, suitable for controlling capacitive loads, inserted outside the delta connection formed by the single-phase capacitive elements



TECHNICAL DRAWING DUCATI
1000-RL/S

General Characteristics	
Rated voltage	400 V
Rated frequency	50 Hz
Insulating voltage	690 V
Ventilation	Forced
Usage	Indoor
Protection degree	IP30
Duty	Continuous
Temperature range	-5 +40 °C
Power supply	3F + PE
Cable entry	Top
Internal connection	N07VK
Discharge devices	On each capacitor according to EN 60831 standard
Fuse	NH-00 GL
Standards	EN 61000-4-2 EN 50081-2 EN 50082-2 IEC 61921 -1/2

DUCATI 1000-RL/S

Un - Cond = 480 V FILTER 189 Hz

THD_i % ≤ 80%(*) THD_v % ≤ 6%(*) Un 400 V - 50 Hz

Part no. 415.14.	Q (400 V) (kVar)	Bank Power (kVar)	Steps	In (A)	In sw. (A)	LxPxH (mm)	Weight (kg)
1360	250	2 x 25 + 4 x 50	10	361	630	800x700x2150	465
1365	300	6 x 50	6	433	630	800x700x2150	505
1370	350	7 x 50	7	505	1000	1600x700x2150	780
1372	400	8 x 50	8	577	1000	1600x700x2150	820
1375	450	9 x 50	9	650	1000	1600x700x2150	860
1380	500	10 x 50	10	722	1000	1600x700x2150	900
1385	550	11 x 50	11	794	1250	1600x700x2150	940
1390	600	12 x 50	12	866	1250	1600x700x2150	980

* Other operating voltages and tuning frequencies available upon request.