

Miniature ready-to-install self-adjusting equipment complete with microprocessor based controller, capacitors, control gear and protection devices. RAM 2650 is especially designed for central or sub-department PF correction of lower power systems with low harmonic content.

TECHNICAL SPECIFICATION

Rated voltage: 415 V
 Rated frequency: 50 Hz (60 Hz on request)
 Temperature: -10 + 40°C
 Cabinet: Sheet steel, zinc plated frame, painted cover (grey RAL7035 colour)
 Wall mount, top cable entry (neutral not required)
 Hinged tilting and/or removable cover with screw lock
 Cooling: Natural air circulation
 Protect.degree: IP30 with closed cabinet
 Controller: VARACTOR 180 with Self-Programming - No user set-up required
 Digital PF indicator, automatic detection of CT value and polarity.
 Integrated SUPERTEC switching control system.
 Target PF set to .98 (other settings on request)
 20 sec. switching interval,
 Capacitors: Self-healing metallised polypropylene dielectric
 3-phase capacitors rated 415 V
 -25/D (55°C) temperature class
 Aluminium can with overpressure disconnecter and discharge resistors
 Contactors: With inrush current suppressors (soft switching system)
 SUPERTEC switching control system integrated in the controller
 Protections: Thermomagnetic circuit breaker
 Losses: Equipment: < 1,5 W/kvar
 Installation: Indoor, R.H. < 90% (non condensing), altitude < 2000 m.
 Standards: EN 60439-1/2, EN 61921-1, EN 60831-1/2



Qn (kvar)	Banks (kvar)			Steps	In (A) at 400V	Weight (kg)	P.N.
	1	2	3				

Standard duty types

Un = 415V

7,5	2,5	5		3	10	12,5	RAM 2650-7,5-415
10	2,5	2,5	5	4	13	12,8	RAM 2650-10-415
12,5	2,5	5	5	5	17	13	RAM 2650-12,5-415
15	2,5	5	7,5	6	20	13	RAM 2650-15-415
17,5	2,5	5	10	7	23	13,5	RAM 2650-17,5-415
20	5	5	10	4	27	13,5	RAM 2650-20-415
25	5	10	10	5	33	14	RAM 2650-25-415
30	5	10	15	6	40	14,5	RAM 2650-30-415

VARACTOR 180 microprocessor controller

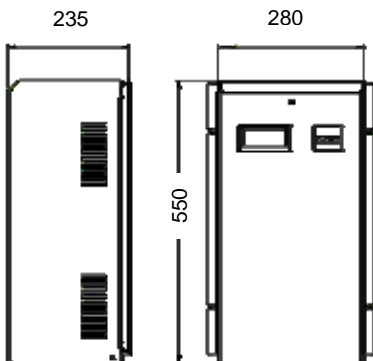
- microprocessor operation
- digital PF indicator
- automatic correction of CT orientation
- automatic recognition of CT value
- self-programming - No user set-up required



Built-in SUPERTEC switching control system

Microprocessor-based system built-in to the Varactor 180 controller ensuring:

- "intelligent" solid-state contactors control
- stabilised contactors supply over extreme line variations
- comprehensive extension of contactor and capacitor life
- 90% reduction of contactor heat dissipation



On request:

- Equipment for cogeneration systems
- IP54 cabinet size 400 x 250 x 600 mm.

