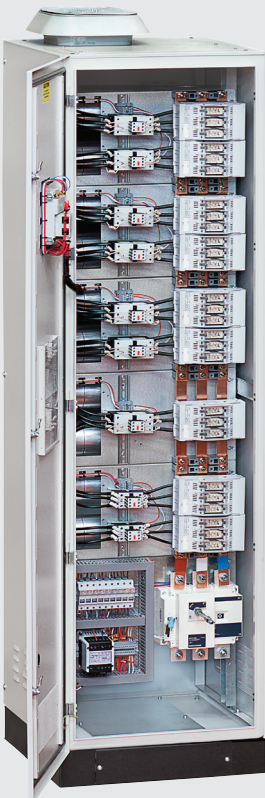




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FMS...

Power factor systems (automatic)

For applications with varying capacitor requirements. An automatic reactive controller monitors the network and only switches capacitor banks when required, avoiding potential over or under compensation in a network.

FMS series - Floor standing systems

Complete ready-to-install system comprising following:

- Suitably ventilated floor standing enclosure (*thermostatically controlled roof mounted exhaust fan*)
- Mains isolator, door interlocking (*with early make/late break auxiliary contact*)
- High end reactive control relay **DCRG 8** (*incorporating digital display of all important network parameters*)
- Reverse-flow roof mounted exhaust fan (*improved cooling and ventilation of the entire panel*)
- Bottom cable entry (*top entry available on request*)
- RC series racks heavy duty cylindrical 480V rated capacitors, fusegear and busbar "special" capacitor switching contactors incorporating limiting inductances

Able to monitor all three phase voltage and current to providing accurate indication of:

- Active, Apparent Power as well as Active, Reactive, Apparent Energy monitoring
- Current and Voltage Harmonics analysis (*up to 31st harmonic*)
- Calendar-clock with backup reserve power
- Event logging: alarms, setup changes, events etc. (*internal memory stores last 250 events*)
- Internal panel temperature monitoring
- Expandable with up to 4 expansion modules for: additional steps, Analog Inputs/Outputs, RS323, RS485, Ethernet, GPRS/GSM modem communication

type	kvar at:		steps (kvar) at 400V				Expands to (kvar)	dimensions (mm)		
	400V	440V	12.5	25	50	100		(H)	(W)	(D)

FMS series - Floor standing complete power factor systems (480V capacitors)

400V floor standing complete power factor systems

FMS13804	137.5	165	1	1	2	-	475	2180	600	630
FMS17504	175.0	210	-	1	3	-	475	2180	600	630
FMS21304	212.5	255	1	2	3	-	475	2180	600	630
FMS23804	237.5	285	1	1	2	1	475	2180	600	630
FMS27504	275.0	330	-	1	3	1	475	2180	600	630
FMS31304	312.5	375	1	2	1	2	475	2180	600	630
FMS33804	338.0	390	1	1	2	2	475	2180	600	630
FMS37504	375.0	450	-	1	3	2	475	2180	600	630
FMS41304	412.5	480	1	2	3	2	475	2180	600	630
FMS43804	437.5	525	1	1	2	3	475	2180	600	630
FMS47504	475.0	570	-	1	1	4	-	2180	600	630
FMS53804	537.5	645	1	1	2	4	950	2180	1200	630
FMS57504	575.0	690	-	1	3	4	950	2180	1200	630
FMS63804	637.5	765	1	1	2	5	950	2180	1200	630
FMS67504	675.0	810	-	1	1	6	950	2180	1200	630
FMS73804	738.0	870	-	1	2	6	950	2180	1200	630
FMS77504	775.0	930	-	1	1	7	950	2180	1200	630
FMS83804	838.0	990	1	1	2	7	950	2180	1200	630
FMS85004	850.0	1020	-	2	2	7	950	2180	1200	630
FMS87504	875.0	1050	-	1	3	7	950	2180	1200	630
FMS95004	950.0	1140	-	2	2	8	-	2180	1200	630

525V floor standing complete power factor systems

type	kvar at:		steps (kvar) at 525V				Expands to (kvar)	dimensions (mm)		
	525V	415V	20	40	80			(H)	(W)	(D)

FMS14005	140	88	1	1	1	-	400	2180	600	630
FMS20005	200	126	2	2	1	-	400	2180	600	630
FMS22005	220	138	1	1	2	-	400	2180	600	630
FMS28005	280	176	2	2	2	-	400	2180	600	630
FMS30005	300	188	1	1	3	-	400	2180	600	630
FMS36005	360	226	2	2	3	-	400	2180	600	630
FMS38005	380	238	1	1	4	-	400	2180	600	630
FMS46005	460	288	1	1	5	-	800	2180	1200	630
FMS52005	520	326	2	2	5	-	800	2180	1200	630
FMS54005	540	338	1	1	6	-	800	2180	1200	630
FMS62005	620	388	1	1	7	-	800	2180	1200	630
FMS68005	680	426	2	2	7	-	800	2180	1200	630
FMS70005	700	438	1	1	8	-	800	2180	1200	630
FMS78005	780	488	1	1	9	-	800	2180	1200	630
FMS80005	800	500	-	-	10	-	-	2180	1200	630