

## Power Factor Correction Systems with Reactor Protection

Power factor correction system in modular design, wired ready for connection

- integrated busbar system 630A
- group protection using HRC load breaker
- PCB-free MKP-type capacitors
- highly linear filter circuit reactors, insulation class T40B / T50B
- 6- or 12-stepped power factor controller
- protection type IP30, IP54 is available upon request
- detuning factor 5.5-16%



Total power KVAR	Step size KVAR	Step combination	Type	Dimensions width x height x front-to-back (in mm)
150	12.5	1:1:2:2:4	<b>K8-12D12,5/p</b>	800x2100x500
150	25	1:1:2:2	<b>K8-6D25/p</b>	800x2100x500
175	25	1:2:2...	<b>K8-7D25/p</b>	800x2100x500
200	25	1:1:2...	<b>K8-8D25/p</b>	800x2100x500
200	50	1:1:1...	<b>K8-4D50/p</b>	800x2100x500
225	25	1:2:2...	<b>K8-9D25/p</b>	800x2100x500
250	25	1:1:2...	<b>K8-10D25/p</b>	800x2100x500
250	50	1:1:1...	<b>K8-5D50/p</b>	800x2100x500
275	25	1:2:2...	<b>K8-11D25/p</b>	800x2100x500
300	25	1:1:2...	<b>K8-12D25/p</b>	800x2100x500
300	50	1:1:1...	<b>K8-6D50/p</b>	800x2100x500
350	25	1:1:2...	<b>K8-14D25/p</b>	800x2300x600
350	50	1:1:1...	<b>K8-7D50/p</b>	800x2300x600
400	25	1:1:2...	<b>K8-16D25/p</b>	800x2300x600
400	50	1:1:1	<b>K8-8D50/p</b>	800x2300x600
500	25	1:1:2....	<b>K8-20D25/p</b>	1600x2100x500
500	50	1:1:1...	<b>K8-10D50/p</b>	1600x2100x500
600	50	1:1:1...	<b>K8-12D50/p</b>	1600x2100x500
800	50	1:1:2...	<b>K8-16D50/p</b>	1600x2300x600
1000	50	1:1:2...	<b>K8-20D50/p</b>	2400x2100x500
1000	100	1:1:1...	<b>K8-10D100/p</b>	2400x2100x500
1200	100	1:1:1...	<b>K8-12D100/p</b>	2400x2100x500

Replace /p with the detuning factor

Other power ratings and dimensions are available upon request