

-----Important, please read:-----

- 1) When replacing a capacitor, always cut off the module's input power.
- 2) When replacing a capacitor, wait for the discharge time. At the end of the discharge time, do not forget to ground the capacitor terminals.
- 3) In the POWER FAST module, apart from the discharge resistor on the capacitor, **do not use any other discharge resistor or discharge coil.**
- 4) The red LED lights up when a trigger arrives from the relay, and the module gives output.
- 5) There are no user-serviceable parts inside the POWER FAST module.
- 6) **The fuses at the input of the POWER FAST module must always be** fast-acting type.
- 7) Always use a detuned harmonic filter suited to the capacitor value at the input of the POWER FAST module.
- 8) When a harmonic filter is used, do not forget to choose a higher capacitor voltage. (Min. 525 VAC)
- 9) The POWER FAST module is designed only for switching capacitors in. Do not use it in applications other than its intended use.
- 10) Thyristor modules are parts that heat up, so install a ventilation fan in the panel.

*** If the recommendations given are not followed, the products are out of warranty.**

Technical Specifications	Power Fast 5M	Power Fast 10M	Power Fast 12,5	Power Fast 25	Power Fast 50	Power Fast 75	Power Fast 100
Operating voltage	400 VAC	400 VAC	400 VAC	400 VAC	400 VAC	400 VAC	400 VAC
Max. operating voltage	480 VAC	480 VAC	480 VAC	480 VAC	480 VAC	480 VAC	480 VAC
Rated operating current	6 A	20 A	18 A	35 A	70 A	105 A	150 A
Capacitor power	3x1,5 kVAr	3x5 kVAr	12,5 kVAr	25 kVAr	50 kVAr	75 kVAr	100 kVAr
Trigger signal	5-26 VDC	5-26 VDC	5-26 VDC	5-26 VDC	5-26 VDC	5-26 VDC	5-26 VDC
Switching time	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms
Re-switching time	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C	-10 °C to +55 °C	-10 °C to +55 °C	-10 °C to +55 °C	-10 °C to +55 °C	-10 °C to +55 °C
Number of thyristor modules	3	3	2	2	2	2	2
Cooling	Natural cooling	Fan-cooled	Natural cooling	Natural cooling	Fan-cooled	Fan-cooled	Fan-cooled
Thermal protection	Trips off at +85 °C	Trips off at +85 °C	Trips off at +85 °C	Trips off at +85 °C	Trips off at +85 °C	Trips off at +85 °C	Trips off at +85 °C
Dimensions (WxLxH)							
Weight	1,2 kg	4,3 kg	2,35 kg	2,85 kg	4,3 kg	5 kg	5 kg
Mounting type	Rail mount	On mounting plate	On mounting plate	On mounting plate	On mounting plate	On mounting plate	On mounting plate
Protection class	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Operating frequency	50 Hz.	50 Hz.	50 Hz.	50 Hz.	50 Hz.	50 Hz.	50 Hz.

Power Fast series thyristor modules are designed for use in facilities with fast and variable loads. In facilities with loads such as elevators, cranes and spot welders, the loads switch on and off quickly. Normal compensation panels are inadequate in such facilities; in these facilities thyristor modules switch on and off safely.

Models with 2 and 3 thyristors are available on the market; 2-thyristor modules are sufficient for general use.