



THYRISTOR MODULE

Features:

- Easy to install.
- Zero differential voltage switching of Thyristor with precise automatic zero detection logic. (Zero Voltage Switching 'ON' & Zero Current Switching 'OFF').
- Smooth, Fast and transient free switching of capacitors.
- Very fine correction of reactive power, which is absolutely advanced & unique.
- Immediate response to the reactive power demand for the fast varying Inductive / Non linear load.
- Unlimited soft switching noise less operation
- Reaction time of 5 milliseconds

Applications:

- Welding Machines
- High Fluctuation Loads
- Steel Rolling Mills

Shreem Electric Ltd.

STM Series	SHR- 12.5STM	SHR- 25STM	SHR- 50STM	SHR- 100STM
Power Specification				
Main Supply	400/440V			
Rated KVAR	12.5	25	50	100
Suggested Fuse or MCCB	32A	63A	125A	250A
Suggested Power Cable	10Sq.mm	16Sq.mm	35Sq.mm	2 * 35Sq.mm
Detuned Line Reactors	*			
Control & Auxiliary Specification				
Aux. Supply	220V			
Control DC Supply	12V DC /5V DC/TTL			
Control Consumption	<5mA			
Suggested Control Cable	1.5Sq.mm			
Other Specification				
Over Blocking Voltage	1800V			
Operating Mode	Zero crossing			
Switch ON Indication	LED			
Dimension (W*H*D) mm	240*200*178	240*200*178	240*250*178	275*300*178
Weight (Kg)	6.0	6.0	8.0	10.6
Humidity	10 to 95% without Moisture			
Protection Class	IP 00			
Frequency	50Hz / 60Hz			
Cooling	Forced Air			
Protection	Over -Temperature			
Max. Ambient Temp.	At Rated Load	-10° C to 50 ° C		
	At 75% Load	-10° C to 60 ° C		

● STM Modules of 550V/690V/750V, 1Ph. & 3Ph. With Delta / Star –Neutral Connection are available on request.

* For Linear load 0.2% Series reactor & for Harmonic loads 7% detuned reactor is recommended.



Shreem Electric Ltd.

(Formerly known as 'Shreem Capacitors Pvt. Ltd.')

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