

# Thyristor Switching Modules



Thyristor module 12.5 kVAr



Thyristor module 25 kVAr



Thyristor module 50 kVAr



Thyristor module 100 kVAr



## Thyristor module Dimension

Type	Length	Width	Depth
SHR-12.5 STM	205mm	195mm	152mm
SHR-25 STM	205mm	195mm	168mm
SHR-50 STM	205mm	195mm	212mm
SHR-100 STM	275mm	300mm	177mm

## STM Series

Technical Data		Description
SHR-12.5 STM		Shreem Thyristor Module
RATED kVAr		12.5
AUXILIARY SUPPLY		220 VAC
CONTROL DC SUPPLY		12V/24V DC / TTL
CONTROL CURRENT CONSUMPTION		<5 mA
OVER BLOCKAGE VOLTAGE		1800 V / 2200 V (Optional)
OPERATING MODE		Zero differential voltage
INDICATIONS		Switch ON, Temperature indication
WEIGHT (Kg)		4.3
COOLING		Natural Air
PROTECTION CLASS		IP 00
FREQUENCY		50 Hz / 60 Hz
HUMIDITY		10 to 95% without Moisture
PROTECTION		Over-Temperature, dv/dt
MAXIMUM TEMPERATURE CLASS	AT RATED LOAD	-10° C to 50° C
	AT 75% LOAD	-10° C to 60° C

Technical Data		Description
SHR-25 STM		Shreem Thyristor Module
RATED kVAr		25
AUXILIARY SUPPLY		220 VAC
CONTROL DC SUPPLY		12V/24V DC / TTL
CONTROL CURRENT CONSUMPTION		<5 mA
OVER BLOCKAGE VOLTAGE		1800 V / 2200 V (Optional)
OPERATING MODE		Zero differential voltage
INDICATIONS		Switch ON, Temperature indication
WEIGHT (Kg)		4.6
COOLING		Forced Air
PROTECTION CLASS		IP 00
FREQUENCY		50 Hz / 60 Hz
HUMIDITY		10 to 95% without Moisture
PROTECTION		Over-Temperature, dv/dt
MAXIMUM TEMPERATURE CLASS	AT RATED LOAD	-10° C to 50° C
	AT 75% LOAD	-10° C to 60° C

Technical Data		Description
SHR-50 STM		Shreem Thyristor Module
RATED kVAr		50
AUXILIARY SUPPLY		220 VAC
CONTROL DC SUPPLY		12V/24V DC / TTL
CONTROL CURRENT CONSUMPTION		<5 mA
OVER BLOCKAGE VOLTAGE		1800 V / 2200 V (Optional)
OPERATING MODE		Zero differential voltage
INDICATIONS		Switch ON, Temperature indication
WEIGHT (Kg)		5
COOLING		Forced Air
PROTECTION CLASS		IP 00
FREQUENCY		50 Hz / 60 Hz
HUMIDITY		10 to 95% without Moisture
PROTECTION		Over-Temperature, dv/dt
MAXIMUM TEMPERATURE CLASS	AT RATED LOAD	-10° C to 50° C
	AT 75% LOAD	-10° C to 60° C

Technical Data		Description
SHR-100 STM		Shreem Thyristor Module
RATED kVAr		100
AUXILIARY SUPPLY		220 VAC
CONTROL DC SUPPLY		12V/24V DC / TTL
CONTROL CURRENT CONSUMPTION		<5 mA
OVER BLOCKAGE VOLTAGE		1800 V / 2200 V (Optional)
OPERATING MODE		Zero differential voltage
INDICATIONS		Switch ON, Temperature indication
WEIGHT (KG)		10.5
COOLING		Forced Air
PROTECTION CLASS		IP 00
FREQUENCY		50 Hz / 60 Hz
HUMIDITY		10 to 95% without Moisture
PROTECTION		Over-Temperature, dv/dt
MAXIMUM TEMPERATURE CLASS	AT RATED LOAD	-10° C to 50° C
	AT 75% LOAD	-10° C to 60° C