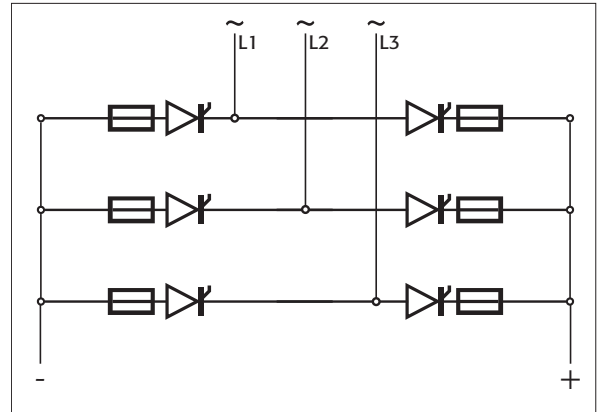


3 PHASE SCR BRIDGE

Horizon for SCR high power bridge



H 640 x W 717 x D 320



General description

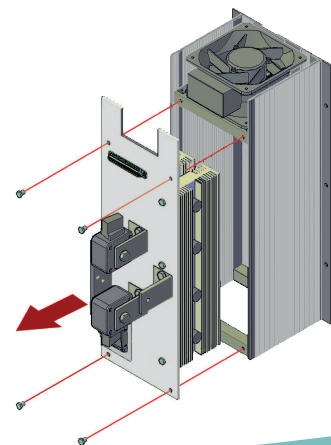
- All circuit board, fuses and thyristor can be inspected on opening front door
- Electronic circuit fully isolated from power
- Internal fixed fuses are standard with relay contact output for fuse failure
- Current transformer integrated (option)
- Special design for heat sink with very high dissipation value and cooling tunnel
- Easy for use with diagnostic and wiring diagram on front unit
- Modular Aluminium structure and copper parts treated against oxidation
- Comply with EMC
- Panel mounting



Maintainability in function

These are our targets:

- Each phase can be substituted by front unit by technician just removing 4 screw without the help of forklift.
The average weight of phase is 16kg
Time required to substitute one phase not more than 10 minutes.
- Plant downtime not more than 10 minutes, vital for important process
- When the operator replaces one phase, all the auxiliary connection are plug in
- This allow to be faster and avoid mistakes in wiring
- Control board plug in for the connection



OUTPUT FEATURES

Current	Voltage Range (1)	Ripetitive peak reverse voltage (1)		Latching current (mAeff)	Max peak one cycle (10 msec)	Leakage current (mAeff)	I2T value for fusing tp=10msec	Frequency range (Hz)	Power Loss I=Inom (W)
		(600V)	(690V)						
1000A	20÷690V	1600	2400	700	12500	300	78100	47÷70	2442
1300A	20÷690V	1800	1800	700	22400	300	2509000	47÷70	2594
1600A	20÷600V	1600	N.A.	700	24600	300	3026000	47÷70	2972
1800A	20÷690V	1600	N.A.	700	26900	300	3618000	47÷70	2876
2000A	20÷600V	1800	1800	700	36000	300	6480000	47÷70	3032
2200A	20÷690V	1800	1800	700	36000	300	6480000	47÷70	3896
2500A	20÷600V	1800	2200	700	60000	300	18000000	47÷70	6600

Note (1) Voltage output features available at higher value

ORDERING CODE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CURRENT				3	4	5	6										
description				code				note									
1000A				1	0	0	0										
1300A				1	3	0	0										
1600A				1	6	0	0										
1800A				1	8	0	0										
2000A				2	0	0	0										
2200A				2	2	0	0										
2500A				2	5	0	0										
MAX VOLTAGE						7											
description				code				note									
480V								4									
600V								6									
690V								7									
VOLTAGE SUPPLY AUX.						8											
description				code				note									
110V								1									
220V								2									
INPUT						9											
description				code				note									
0:10V								V									
4:20 mA								A									
FIRING						10											
description				code				note									
Without Control Board								0									
Control Board Phase Angle								P									
CONTROL MODE												11					
description				code				note									
Voltage								U									
Current								I									
Power								W									
OPTION & FUSES												12					
description				code				note									
Fixed fuses + CT								Y									
FAN VOLTAGE												13					
description				code				note									
Fan 110V								1									
Fan 220V Standard								2									
APPROVALS												14					
description				code				note									
CE EMC								0									
MANUAL												15					
description				code				note									
None								0									
Italian								1									
English								2									
German								3									
French								4									
LOAD TYPE												16					
description				code				note									
Resistive Load								1									
Inductive Load								2									



Height: 640 mm
 Width: 717 mm
 Depth: 320 mm
 Weight: 86/110 Kg