

# UNIVERSAL RECTIFIER CONTROL PANEL FOR DC BRAKES



## INTRODUCTION

**BRAKE RECTIFIER UNIT** is used to operate D.C.E.M Brakes shunt type for equipment having A.C main supply. Rectifier unit is suitable to Operate different combination (Individual / Simultaneous) brakes.

Ranging from Ø100 - Ø700

The Standard Panels:

**SINGLE BRAKE**-Individual operation

**TWO BRAKES**- Simultaneous operation.

## SALIENT FEATURES

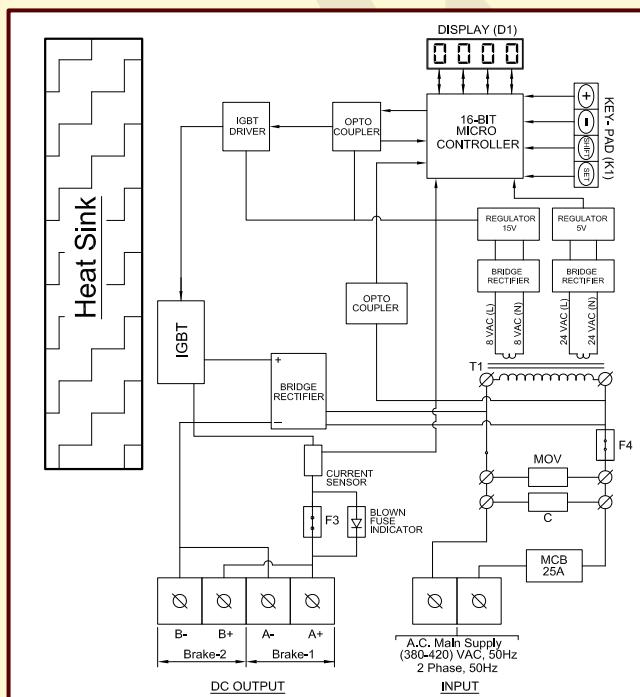
- ◆ Universal Rectifier for D.C.E.M Brake.
- ◆ Range Ø100 - Ø700 DC Brake.
- ◆ Protection -**MCB & FUSE** Indicator.
- ◆ **IGBT** Controlled DC output Voltage.
- ◆ Compact design.
- ◆ Easy to install & No Settings required.
- ◆ User Friendly.



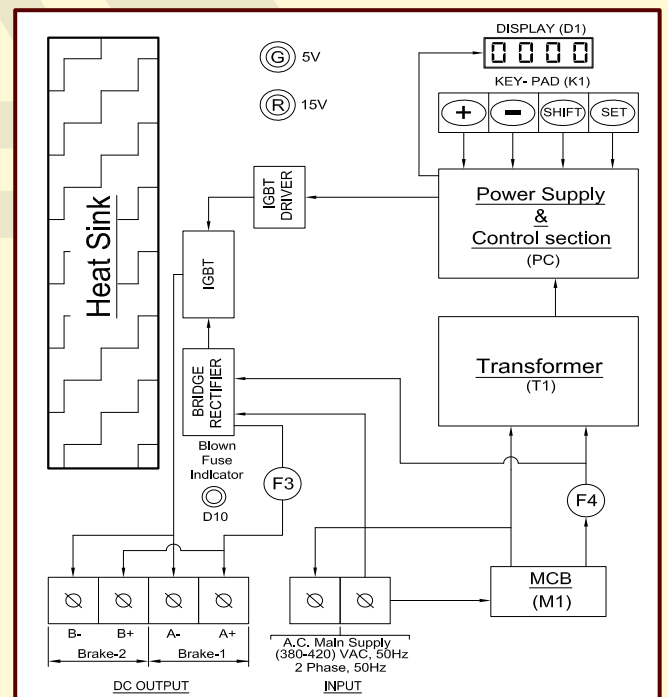
## TECHNICAL SPECIFICATION

<b>ENCLOSURE</b>	ABS Plastic / Sheet steel	
<b>INGRESS PROTECTION</b>	IP-55	
<b>PAINT</b>	Powered Coated IS-5 Siemens Grey	
<b>INPUT VOLTAGE</b>	380-440 VAC	
<b>OUTPUT VOLTAGE</b>	<b>INRUSH VOLTAGE</b>	300-350 VDC
	<b>HOLDING VOLTAGE</b>	110-120 VDC
<b>CURRENT</b>	50 A	
<b>DUTY</b>	Intermittent / Continuous	
<b>OPERATION</b>	720/hr.	
<b>AMBIENT TEMPERATURE</b>	60°C	
<b>DIMENSION</b>	(320 x 200 x 115) mm	
<b>WEIGHT</b>	1.80 kg	

## CIRCUIT DIAGRAM FOR RECTIFIER DCEM BRAKE



## LAYOUT FOR RECTIFIER CIRCUIT



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