

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 $\varnothing 100 - \varnothing 700$

The Standard Panels:

SINGLE BRAKE-Individual operation

TWO BRAKES- Simultaneous operation.

SALIENT FEATURES

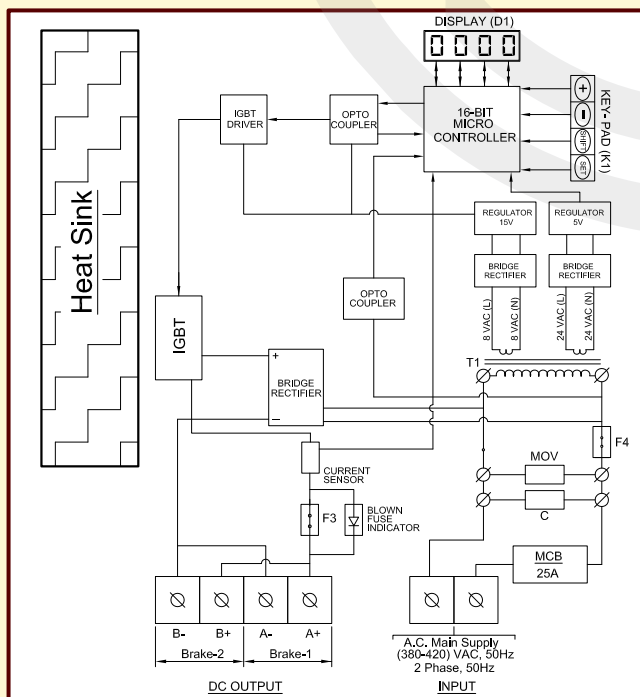
- ◆ Universal Rectifier for D.C.E.M Brake.
- ◆ Range $\varnothing 100 - \varnothing 700$ DC Brake.
- ◆ Protection -**MCB & FUSE** Indicator.
- ◆ **IGBT** Controlled DC output Voltage.
- ◆ Compact design.
- ◆ Easy to install & No Settings required.
- ◆ User Friendly.



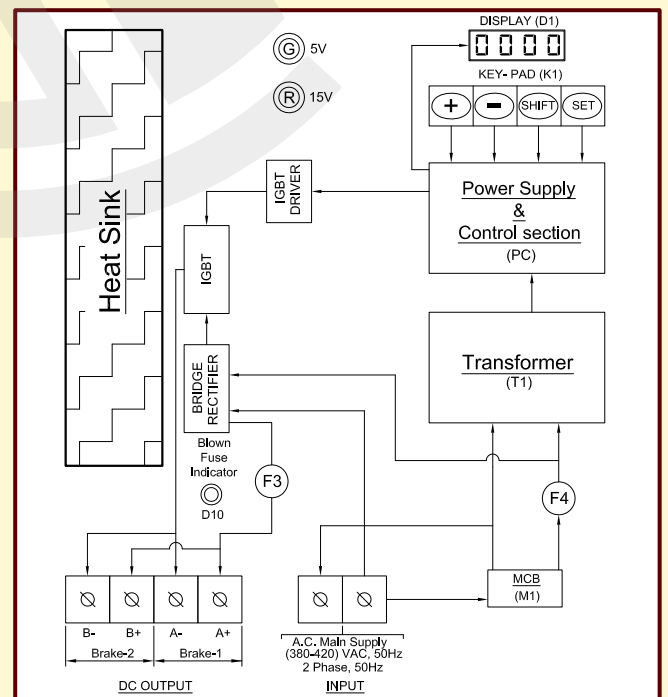
TECHNICAL SPECIFICATION

ENCLOSURE	ABS Plastic / Sheet steel	
INGRESS PROTECTION	IP-55	
PAINT	Powered Coated IS-5 Siemens Grey	
INPUT VOLTAGE	380-440 VAC	
OUTPUT VOLTAGE	INRUSH VOLTAGE	300-350 VDC
	HOLDING VOLTAGE	110-120 VDC
CURRENT	50 A	
DUTY	Intermittent / Continuous	
OPERATION	720/hr.	
AMBIENT TEMPERATURE	60°C	
DIMENSION	(420 x 350 x 165) mm	
WEIGHT	1.80 kg	

CIRCUIT DIAGRAM FOR RECTIFIER DCEM BRAKE



LAYOUT FOR RECTIFIER CIRCUIT



H. O. Unit - I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072,
Tel : (022) 42469700/730
E-mail : sales@socgroup.in

Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445
Tel.: (079) 68169700/702/712
E-mail : enquiry2@socgroup.in

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