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.

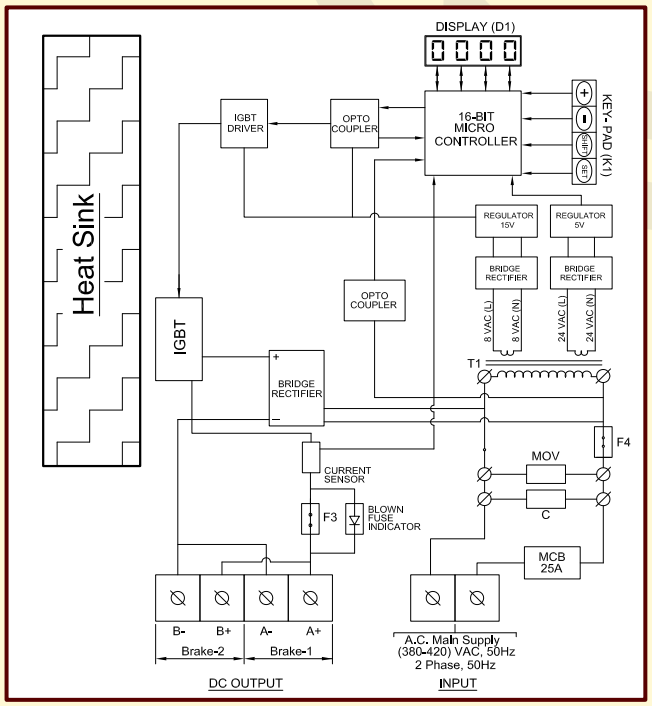
SALIENT FEATURES

- 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.

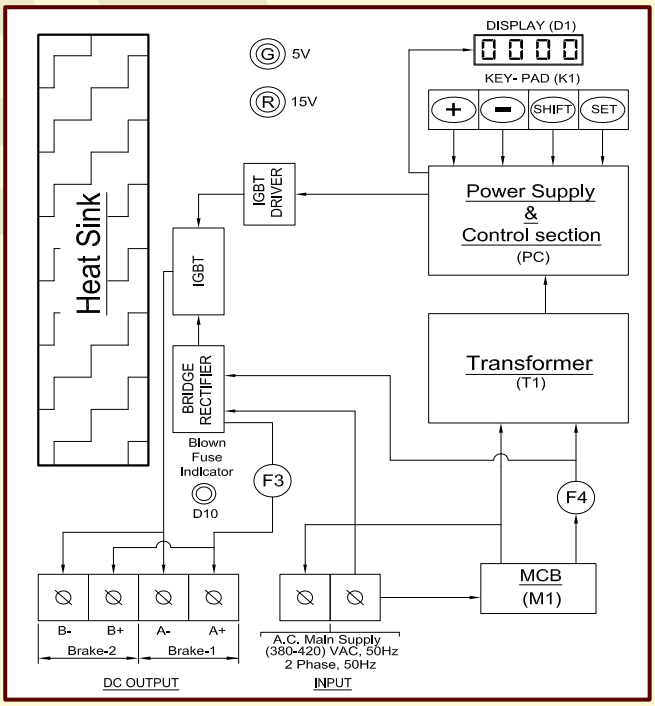
TECHNICAL SPECIFICATION

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		(320 x 200 x 115) mm
WEIGHT		1.80 kg

CIRCUIT DIAGRAM FOR RECTIFIER DCEM BRAKE



LAYOUT FOR RECTIFIER CIRCUIT



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