







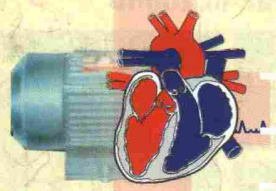


COMPLETE ANNUNCIATION WITH TRIP STATUS

	IR 23.3 Y23.5 B23.8 OL Trip	Precise Over Load & Locked Rotor Protection
	IR 13.3 Y14.1 B13.8 UL Trip	Under Load Protection
	IR 29.3 Y00.0 B29.7 SP Trip	Single Phasing Protection
	IR 15.3 Y21.1 B21.2 UB Trip	Un Balance Protection (Variable Setting)
	IR 190 Y21.1 B21.2 SC Trip	Short Circuit Protection *
	IR 21.3 Y21.1 B21.2 EL Trip	Earth Leakage Protection *
	OV Trip VRY 478 VYB 482	Over Voltage Protection (Variable Setting)
	UV trip VRY 340 VYB 352	Under Voltage Protection (Variable Setting)



Motor is Heart of Machine
Don't let it Fail



MCS-300 SMART MOTOR CONTROL SYSTEM

CONTINUOUS LINE CURRENT & VOLTAGE DISPLAY
MOTOR POWER (KW) DISPLAY ALSO AVAILABLE *
EVENT REGISTER FOR ENHANCED FAULT ANALYSIS

TECHNICAL SPECIFICATIONS

Aux. Supply	: 110 V / 220 V / 440 V At 50 / 60 Hz To be Specified at the Time Of Order
Trip Class	: Selectable on Site 5C, 10C, 15C..... 35C
Trip Time delay	: As Per I -> T Curve
User Interface	: 3 Soft Touch Push Buttons (For Input)
Display	: 2 Line x 16 Character LCD Display With Back light
Output	: 1 NO / NC Potential Free Contact 6 Amp. (Resistive)
Optional Out Put *	: 1 NO / NC for Delta to Star Conversion (For Energy Saving Mode)
Communication *	: RS 232 / 485 (Port)
Dimensions	: 96 x 96 (bazzel) x 125 mm
Mounting	: Panel / Flush Type

COMPARISONS WITH OTHER PROTECTION RELAYS :

FEATURES	MCS - 300	OTHER PROTECTION RELAYS
Display	16 x 2 Character LCD	Blind or 7- Seg. Numeric
User Interface	Menu Driven Simple 3 buttons	Much Complex
Line Current	Continuos display For 3 phase	No Display Or Scrolling display
Line Voltage	Continuos display For 2 Voltage	Not Available
Trip class	Selectable on site	Generally no such choice
Over Current protection	Prompt & Precise	Delayed protection
Under Current protection	Variable Customized Setting	Generally Not Available
Single Phasing Protection	Instantaneous Response	Delayed Or No protection
Un Balance Current Protection	Variable Customized Setting	Generally Not Available
Locked Rotor Protection	Prompt & Precise	Generally Not Available
Short Circuit Protection	Prompt & Precise	Generally Not Available
Earth Fault Protection	Prompt & Precise	Generally Not Available
High Voltage Protection	Prompt & Precise	Not Available
Low Voltage Protection	Prompt & Precise	Not Available
Trip Event Log	Display & Records Trip Status	Not Available
Data Portability	Memory Card for Data Transfer	Generally Not Available

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