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S3-480D-40-12

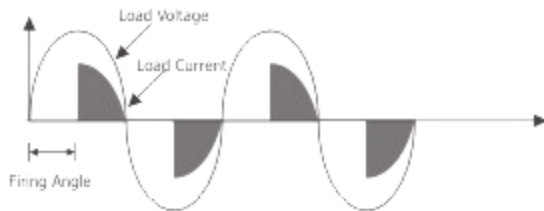
THREE PHASE DIGITAL PROPORTIONAL CONTROLLER

FEATURES:

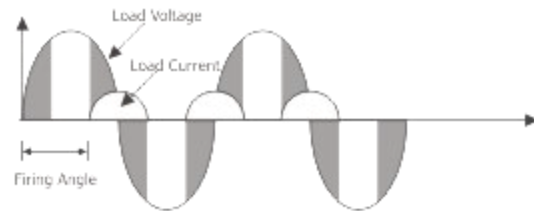
- Allows to set the voltage applied to different sort of loads like Resistive Inductive.
- Small housing, easy and ready to use.
- Fully optoisolated full cycle three phase angle controller.
- Input output transfer characteristic linearization function (Resistive load).
- Diagnostic features like status given on LED.
- Built in power supply.
- Power switch and controller in single casing.
- Rated operational Current 10 -110 A/Phase at 25° C.
Note : Higher ratings will be available on request.

MAINS VOLTAGE	MAINS FREQUENCY	MAX. CURRENT	CONTROL INPUT
Up to 480 VAC	50 Hz	110 A	4 - 20 mA/0-10 VDC

Resistive Load



Inductive Load



INPUT SPECIFICATION

Input Specification	Type S3-480D-40-12
Control Voltage	4 - 20 mA, 0 to 10 VDC
Allowable Input Current	Less than or equal to 50mA
Release and Control Thershold Voltage	4.3mA
Impedance (Rc) Dynamic	100MΩ

OUTPUT SPECIFICATION

Output Specification	Type S3-480D-40-12
Current range with proper heatsink	10 -110 A/Phase at 25° C.
Minimum Operational Current	Less than or equal to 50mA
Load Voltage Range	0 to 100% VAC
Off state leakage Current at voltage frequency	6mA
Dv/dt off state (critical)	500V/uS
I ² T fusing	130A ² S for 10 Amp & for 110 Amp 5000A ²