

PRO AMP

systems

Reg. No. 1998/012610/23, VAT. No. 4020173789, Member: Edward Smith-Dack
Address: New Market Commercial Park, 39 Heidelberg Ave, Unit 8 & 9, New Market, Alberton, 1449
P.O Box 145925, Brackengardens, Alberton, 1452
Cell No: 084 589 0750, Landline: (011) 908 3726, Fax No.: (011) 864 1182
E-mail Address: eddy@proamp.co.za, natasha@proamp.co.za

Electric Controller Specifications

- Starting methods available
 - 1) Star Delta
 - 2) Direct Online
 - 3) Soft Start
 - 4) Closed transition
- Supply voltages available
 - 1) 380VAC 3 phase 50Hz
 - 2) 525VAC 3 phase 50Hz
 - 3) 690VAC 3 phase 50Hz

Technical

➤ Control Circuit Voltage	110VAC
➤ Rated fault level	35kA @ 400VAC
➤ Rated insulation voltage	690VAC
➤ Duty of Contactors	AC3
➤ Type of Co-Ordination	1
➤ Cable entry	Bottom
➤ Colour Signal red	80 – 100 Microns
➤ IP	55
➤ Short Circuit Protection only	Fuses (see table 1)
➤ CT Ratio	/5

Features

- ASIB Approved & tested
- Monitored outputs to annunciator for the following signals
 - a) Fire
 - b) Pump run
 - c) Pump fail
 - d) Mains / Control Circuit fail
- Potential free outputs for building management system contact rating SPST (NO) 7A @ 230VAC for the following signals:

- a) Fire
- b) Pump run
- c) Pump fail
- d) Mains / Control Circuit fail
 - Potential free outputs to GSM (Cell link) SPST (NO) for the following signals:
 - a) Fire
 - b) Pump run
 - c) Pump fail
 - d) Mains Fail
 - e) Control Circuit Fail
 - Test Push button
 - Stop/Reset Push Button
 - Lamp test Push Button
 - Emergency start push button (latch type twist to release)
 - Hour Meter
 - Visual indication on door for the following signals:
 - a) Fire
 - b) Pump run
 - c) Pump fail
 - Digital Ammeter/voltmeter/Frequency meter all combined in one meter. The meter can also measure the following:
 - a) Systems powers (apparent, reactive, active)
 - b) Phase angle & power factor
 - c) Current demand
 - d) Max current demand
 - e) On hours
 - f) RPM
 - g) No of interruptions
 - Switchgear type GE/WEG
 - Fused Isolator
 - Isolator (Pad Lockable)

400VAC	Fuse Size gL	525VAC	Fuse
11kW	63A	11kW	40A
18,5kW	80A	18,5kW	63A
22kW	80A	22kW	80A
30kW	125A	30kW	100A
37kW	125A	37kW	100A
45kW	160A	45kW	125A
55Kw	200A	55kW	160A
75kW	250A	75kW	200A
90kW	315A	90kW	250A
110kW	315A	110kW	315A
132kW	355A	132kW	315A
160kW	400A	160kW	355A
185kW	500A	185kW	400A
200kW	500A	200kW	400A
220kW	500A	220kW	400A

Table 1