

460V/3PH/60Hz
 PROTECTED POWER SOURCE.
 IF MCA LESS THAN 100A,
 USE 60°C TYPE CABLE.
 IF MCA MORE THAN 100A,
 USE 75°C TYPE CABLE.
 COPPER CONDUCTORS ONLY.

| LEGEND | |
|--------|------------------------------------|
| AFS | - AIR FLOW SWITCH |
| CB | - CIRCUIT BREAKER |
| CO | - CONVENIENT OUTLET |
| CR | - CONTROL RELAY |
| ES | - EMERGENCY SWITCH |
| FLA | - FULL LOAD AMPS |
| FU | - FUSE |
| GFCI | - GROUND FAULT CIRCUIT INTERRUPTOR |
| Hp | - HORSE POWER |
| HP | - HIGH PRESSURE SWITCH |
| HTL | - HIGH TEMPERATURE LIMIT |
| ITS | - INTERNAL THERMAL SENSOR |
| J | - JUMPER |
| KW | - KILOWATT |
| LLS | - LIQUID LINE SOLENOID |
| LRA | - LOCKED ROTOR AMPS |
| LP | - LOW PRESSURE SWITCH |
| M | - CONTACTOR |
| MP | - MOTOR PROTECTOR |
| MCA | - MINIMUM CIRCUIT AMPS |
| MCCB | - MOULDED CASE CIRCUIT BREAKER |
| MFS | - MAXIMUM FUSE SIZE |
| OL | - OVERLOAD PROTECTOR |
| PL | - PILOT LIGHT |
| PMR | - PHASE MONITOR RELAY |
| POT | - POTENTIOMETER |
| RLA | - RATED LOAD AMPS |
| STG | - STAGE |
| SW | - SWITCH |
| TB | - TERMINAL BLOCK |
| TR | - TIMER RELAY |
| T | - TRANSFORMER |
| TAS | - THERMOSTAT |
| TS | - TEMP. SENSOR |
| R | - RED |
| G | - GREEN |
| A | - AMBER |
| VFD | - VARIABLE FREQ. DRIVE |
| * | - FIELD SUPPLY |
| ▲ | - MANUAL RESET |
| — | - FACTORY WIRING |
| — | - FIELD WIRING |
| △ | - SEE NOTE 'n' |
| □ | - CAM-LOCK |

| ELECTRICAL DATA | | | |
|-----------------|--------------------------|------|------|
| MOTOR | HP/kW | RLA | LRA |
| BLOWER | 7.5HP | 8.9A | 64A |
| COMPRESSOR | 10HP | 16A | 140A |
| C/FAN | 2HP | 4.0A | 25A |
| UNIT DATA | | | |
| FLA | 28.9A | | |
| MCA | 33A | | |
| MFS | 40A | | |
| SET POINTS | | | |
| 1HP | 560#/MANUAL RESET | | |
| 2HP | 350#/CUT IN/295# CUT-OUT | | |
| 1LP | 65#/MANUAL RESET | | |
| 1TR, 2TR | 60 SEC | | |
| 1CB-OL | 20A | | |
| 3OL | 10A | | |
| IR33 SETTINGS | | | |
| IR33-1 (CLG) | 70F (BY RA PROBE) | | |
| | 55F (BY SA PROBE) | | |

CABLE SIZE

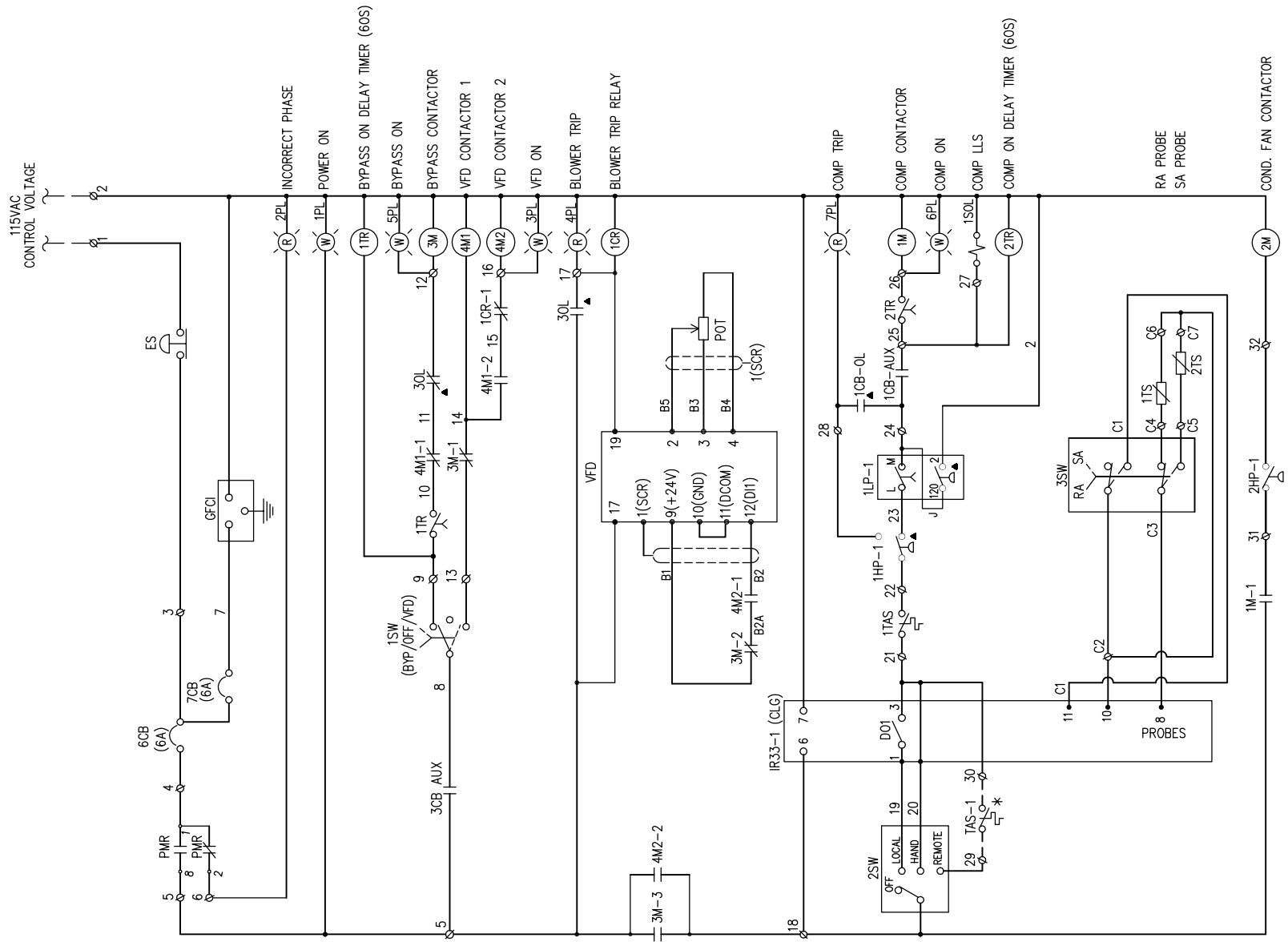
CONTROL - 14AWG


(A) - 10AWG, BLACK

(B) - 12AWG, BLACK

(C) - 8AWG, BLACK

| | | | | | | | | | | | | | | | | |
|------|-----|----------------------|------------|-----------|-----|-----|--|---------------|---------------------|------------------|----------|-------------|-------------|--------------------------|---------|--|
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| | 01. | REFER SHEET 3 | 27.05.2015 | LAI | LAI | LAI | | DRAWN BY: LAI | DATE: 18.05.2015 | MODEL: | | SACP 12A-HS | TITLE: | SCHEMATIC WIRING DIAGRAM | | |
| | | | | | | | | | CHECKED BY: LAI | DATE: 18.05.2015 | UNIT NO: | - | DRAWING NO: | S210840157 | F.O NO: | |
| | | | | | | | | | APPROVED BY: LOW KC | DATE: 19.05.2015 | | | SHEET | 1 | | |



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| | DESCRIPTION | | | | | | DATE | REV. BY | CHK'D. BY | APP'D BY | APPROVED BY: LOW KC | | DATE: 18.05.2015 | UNIT NO: | - | | DRAWING NO: | S210840157 | F.O NO: |
| | | | | | | | | | | | | | DATE: 19.05.2015 | | | | SHEET | 2 | |