A1 PLC/PLI/EUP

Page:  Model:  Serial Number:

A1-01  AC Wiring Diagram - with PB Option Fenner Power Unit
A1-02  AC Wiring Diagram - with E Stop Fenner Power Unit
A1-03  AC Wiring Diagram - Barnes Power Unit
A1-04  AC Wiring Diagram - (for Japan), Barnes Power Unit
A1-05  AC Wiring Schematic - TUV, Barnes Power Unit
A1-06  AC Wiring Diagram - TUV, Barnes Power Unit
A1-07  AC Wiring Diagram - Novon, Barnes Power Unit
A1-08  DC Wiring Diagram with PB Option
A1-09  DC Wiring Diagram - (for Australia), with PB Option
A1-10  DC Wiring Diagram - Foreign, No PB, Motor 12V DC, 1/2HP
A1-11  DC Wiring Diagram - NOVON, France
A1-12  DC Wiring Diagram - TUV
A1-13  Hydraulic Schematic - Barnes & Fenner Power Units (AC & DC)
A1-14  Hydraulic Schematic (AWP, PLI92, PLC92) – Fenner Power Unit (AC & DC)
A1-15  Pneumatic / Hydraulic Schematic (PL/PLC/PLI)
NOTE:
FOR 220V, 50/60 Hz APPLICATIONS.

MOTOR
1/2 HP, 220V, 16, 2750/3450 RPM.
50/60 Hz, CAPACITOR START.

DEFINITE PURPOSE CONTACTOR
220V, 50/60 Hz

14-3 SO CORD
BLK
WH
GRN

LINE
220V, 50/60 Hz.

CONTACCTOR JUNCTION BOX
GRN
WH
BLK
YEL

16-6 SO CORD
COIL CORD
GRN
RD
WH
BRN
BLK
YEL

(UP) (DOWN) (EMER STOP)

CONTROL SWITCH

LOWER JUNCTION BOX

DOWN SOLENOID W/RECTIFIER
220V - 50/60 Hz

AC
1, 8, 14, 16

DWG. #ESI410B
NOTE: FOR 115V, 50/60 Hz APPLICATIONS
220V, 50/60 Hz APPLICATIONS

DEFINITE PURPOSE CONTACTOR
115V, 50/60 Hz.

MOTOR
1/2 HP, 115V, 10, 2750/3450 RPM,
50/60 Hz, CAPACITOR START.

CONTROL SWITCH

MAST HEAD JUNCTION BOX

LOWER JUNCTION BOX

LINE
115V, 60 Hz.

DOWN SOLENOID
115V, 50/60 Hz.
NOTE: FOR 100V, 50/60 Hz APPLICATIONS

DEFINITE PURPOSE CONTACTOR
100V, 50/60 Hz

LINE
100V, 50/60 Hz

MOTOR
1/2 HP, 100V, 1425/1725 RPM,
50/60 Hz, CAPACITOR START.

CONTROL SWITCH

UP, DOWN

MAST HEAD JUNCTION BOX

LOWER JUNCTION BOX

CONTACTOR JUNCTION BOX

DOWN SOLENOID
100V, 50/60 Hz
FOR 220V - 50Hz APPLICATIONS.

PLC/PL/ELU
AC WIRING DIAGRAM - TUV
BARNES POWER UNIT
FOR 220 VOLT, 50 Hz APPLICATIONS.

PLUG 220V, 50Hz
(IF RECEPTACLE INSTALLED)

MOTOR 12V DC, 1/2 HP

MOTOR STARTER
SOLENOID 12V DC

BATTERY 12V DC,
109 AMP-HR

CHARGER
220V, 50Hz

LNE
220V, 50Hz

OUTLET BOX
16-6 SQ
COIL CORD
GRN
BLK
WH
RD
YL
PR

LOWER COIL TUBE
JUNCTION BOX
16-3 SJO
GRN
BLK
WH

PLATFORM
CONTROL SWITCH
(UP) (DOWN)
N.O.
N.O.

DOWN SOLENOID
12V DC
N.O.
N.O.
N.O.
N.O.

BASE OUTRIGGER POSITION SWITCHES