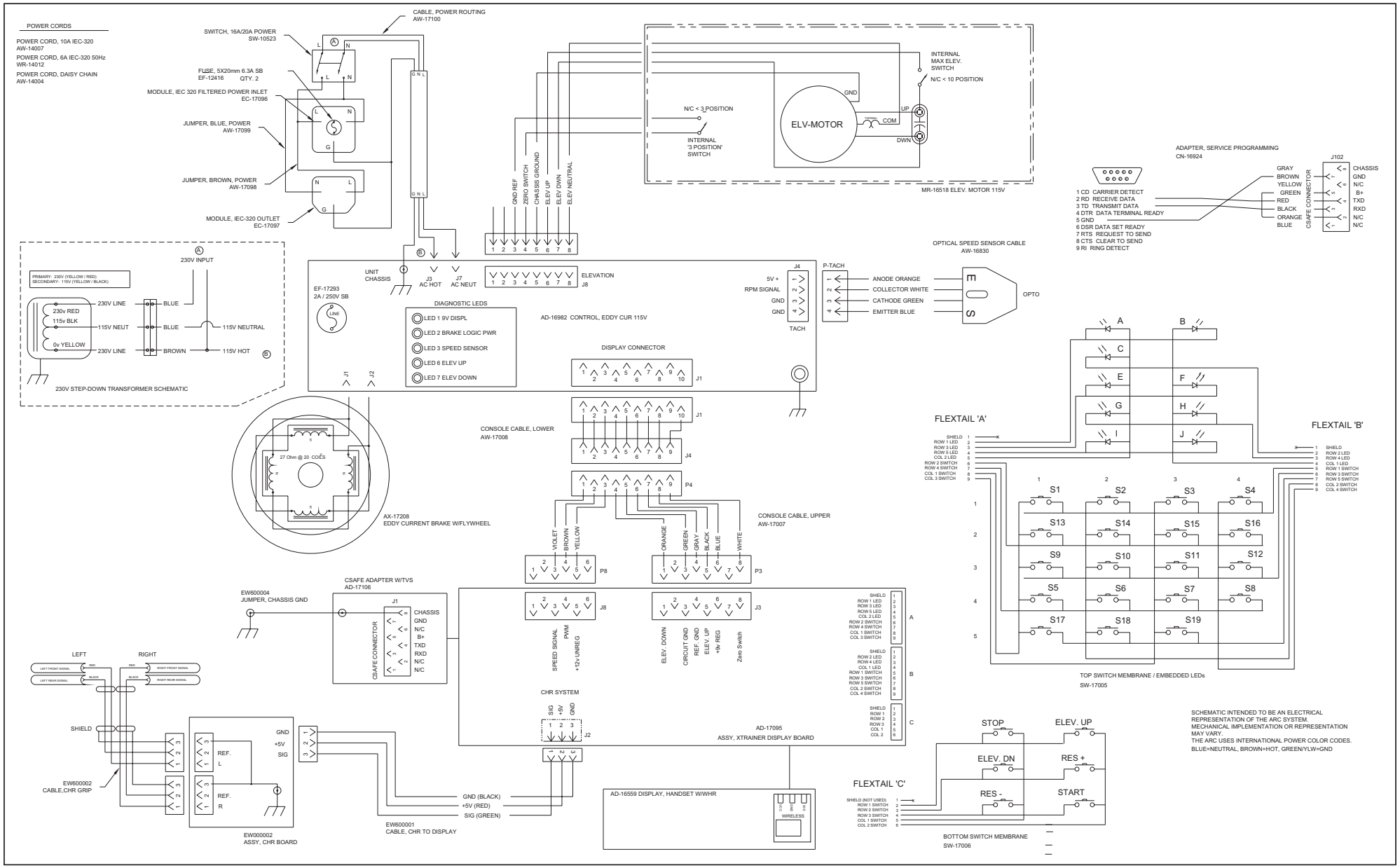
POWER CORDS
POWER CORD, 10A IEC-320 AW-14007
POWER CORD, 6A IEC-320 50Hz WR-14012
POWER CORD, DAISY CHAIN AW-14004
CABLE, POWER ROUTING AW-17100
SWITCH, 16A/20A POWER SW-10523
FUSE, 5X20mm 6.3A SB EF-12416 QTY. 2
MODULE, IEC 320 FILTERED POWER INLET EC-17096
JUMPER, BLUE, POWER AW-17099
JUMPER, BROWN, POWER AW-17098
MODULE, IEC-320 OUTLET EC-17097
INTERNAL MAX ELEV. SWITCH
N/C < 10 POSITION
N/C < 3 POSITION
INTERNAL '3 POSITION' SWITCH
ELV-MOTOR
GND
UP
COM
DWN
MR-16518 ELEV. MOTOR 115V
GND REF
ZERO SWITCH
CHASSIS GROUND
ELEV UP
ELEV DWN
ELEV NEUTRAL
ADAPTER, SERVICE PROGRAMMING CN-16924
J102
1 CD CARRIER DETECT
2 RD RECEIVE DATA
3 TD TRANSMIT DATA
4 DTR DATA TERMINAL READY
5 GND
6 DSR DATA SET READY
7 RTS REQUEST TO SEND
8 CTS CLEAR TO SEND
9 RI RING DETECT
GRAY
BROWN
YELLOW
GREEN
RED
BLACK
ORANGE
BLUE
CSAFE CONNECTOR
CHASSIS
GND
N/C
B+
TXD
RXD
N/C
N/C
230V INPUT
PRIMARY: 230V (YELLOW / RED)
SECONDARY: 115V (YELLOW / BLACK)
230v RED
115v BLK
0v YELLOW
230V LINE
115V NEUT
230V LINE
BLUE
BLUE
BROWN
115V NEUTRAL
115V HOT
230V STEP-DOWN TRANSFORMER SCHEMATIC
UNIT CHASSIS
J3 AC HOT
J7 AC NEUT
ELEVATION J8
EF-17293 2A / 250V SB
LINE
DIAGNOSTIC LEDS
LED 1 9V DISPL
LED 2 BRAKE LOGIC PWR
LED 3 SPEED SENSOR
LED 6 ELEV UP
LED 7 ELEV DOWN
AD-16982 CONTROL, EDDY CUR 115V
DISPLAY CONNECTOR
J1
J4
5V +
RPM SIGNAL
GND
GND
TACH
P-TACH
ANODE ORANGE
COLLECTOR WHITE
CATHODE GREEN
EMITTER BLUE
OPTO
OPTICAL SPEED SENSOR CABLE AW-16830
CONSOLE CABLE, LOWER AW-17008
27 Ohm @ 20 COILS
AX-17208 EDDY CURRENT BRAKE W/FLYWHEEL
CONSOLE CABLE, UPPER AW-17007
P4
VIOLET
BROWN
YELLOW
ORANGE
GREEN
GRAY
BLACK
BLUE
WHITE
P8
P3
EW600004 JUMPER, CHASSIS GND
CSAFE ADAPTER W/TVS AD-17106
CSAFE CONNECTOR
CHASSIS
GND
N/C
B+
TXD
RXD
N/C
N/C
J8
J3
SPEED SIGNAL
PWM
+12v UNREG
ELEV. DOWN
CIRCUIT GND
REF. GND
ELEV. UP
+9v REG
Zero Switch
CHR SYSTEM
SIG
+5V
GND
J2
AD-17095 ASSY, XTRAINER DISPLAY BOARD
SHIELD
ROW 1 LED
ROW 3 LED
ROW 5 LED
COL 2 LED
ROW 2 SWITCH
ROW 4 SWITCH
COL 1 SWITCH
COL 3 SWITCH
ROW 2 LED
ROW 4 LED
COL 1 LED
ROW 1 SWITCH
ROW 3 SWITCH
ROW 5 SWITCH
COL 2 SWITCH
COL 4 SWITCH
ROW 1
ROW 2
ROW 3
COL 1
COL 2
FLEXTAIL 'A'
FLEXTAIL 'B'
SHIELD
ROW 1 LED
ROW 3 LED
ROW 5 LED
COL 2 LED
ROW 2 SWITCH
ROW 4 SWITCH
COL 1 SWITCH
COL 3 SWITCH
ROW 2 LED
ROW 4 LED
COL 1 LED
ROW 1 SWITCH
ROW 3 SWITCH
ROW 5 SWITCH
COL 2 SWITCH
COL 4 SWITCH
TOP SWITCH MEMBRANE / EMBEDDED LEDs SW-17005
LEFT
RIGHT
LEFT FRONT SIGNAL
LEFT REAR SIGNAL
RIGHT FRONT SIGNAL
RIGHT REAR SIGNAL
SHIELD
EW600002 CABLE,CHR GRIP
REF. L
REF. R
GND
+5V
SIG
EW000002 ASSY, CHR BOARD
GND (BLACK)
+5V (RED)
SIG (GREEN)
EW600001 CABLE, CHR TO DISPLAY
AD-16559 DISPLAY, HANDSET W/WHR
WIRELESS
FLEXTAIL 'C'
SHIELD (NOT USED)
ROW 1 SWITCH
ROW 2 SWITCH
ROW 3 SWITCH
COL 1 SWITCH
COL 2 SWITCH
STOP
ELEV. UP
ELEV. DN
RES +
RES -
START
BOTTOM SWITCH MEMBRANE SW-17006
SCHEMATIC INTENDED TO BE AN ELECTRICAL REPRESENTATION OF THE ARC SYSTEM. MECHANICAL IMPLEMENTATION OR REPRESENTATION MAY VARY.
THE ARC USES INTERNATIONAL POWER COLOR CODES.
BLUE=NEUTRAL, BROWN=HOT, GREEN/YLW=GND