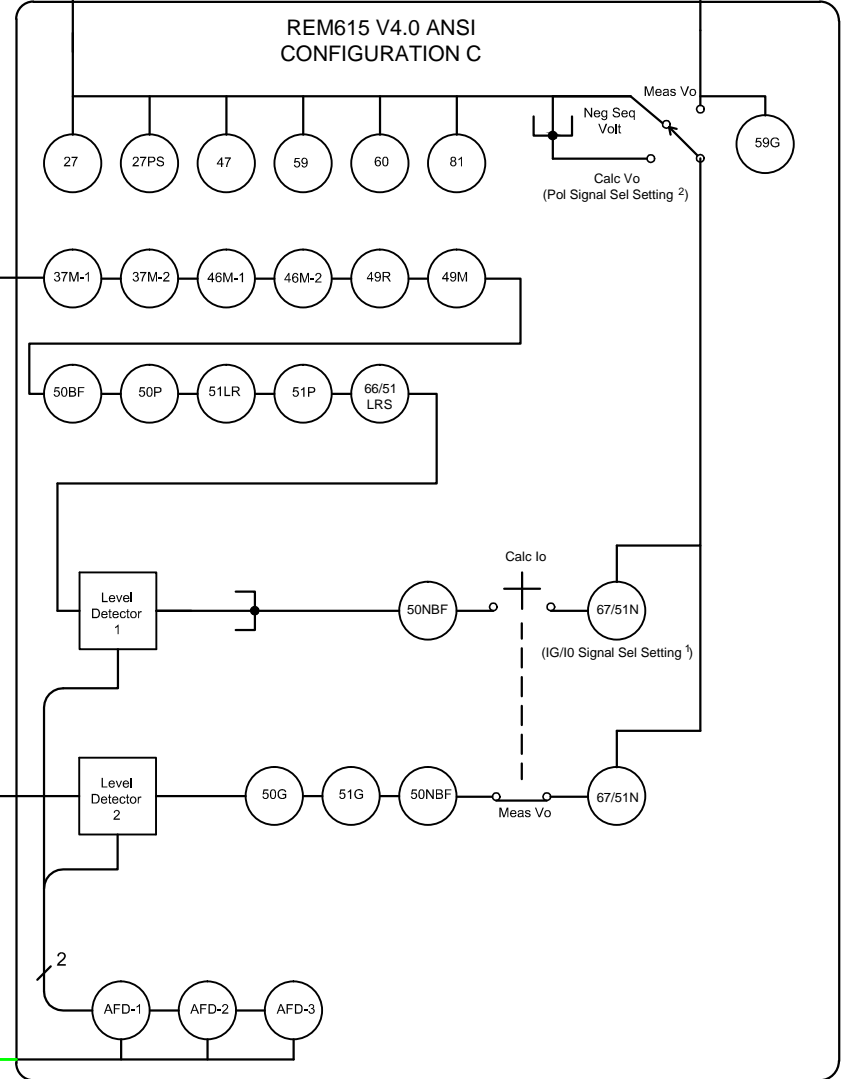
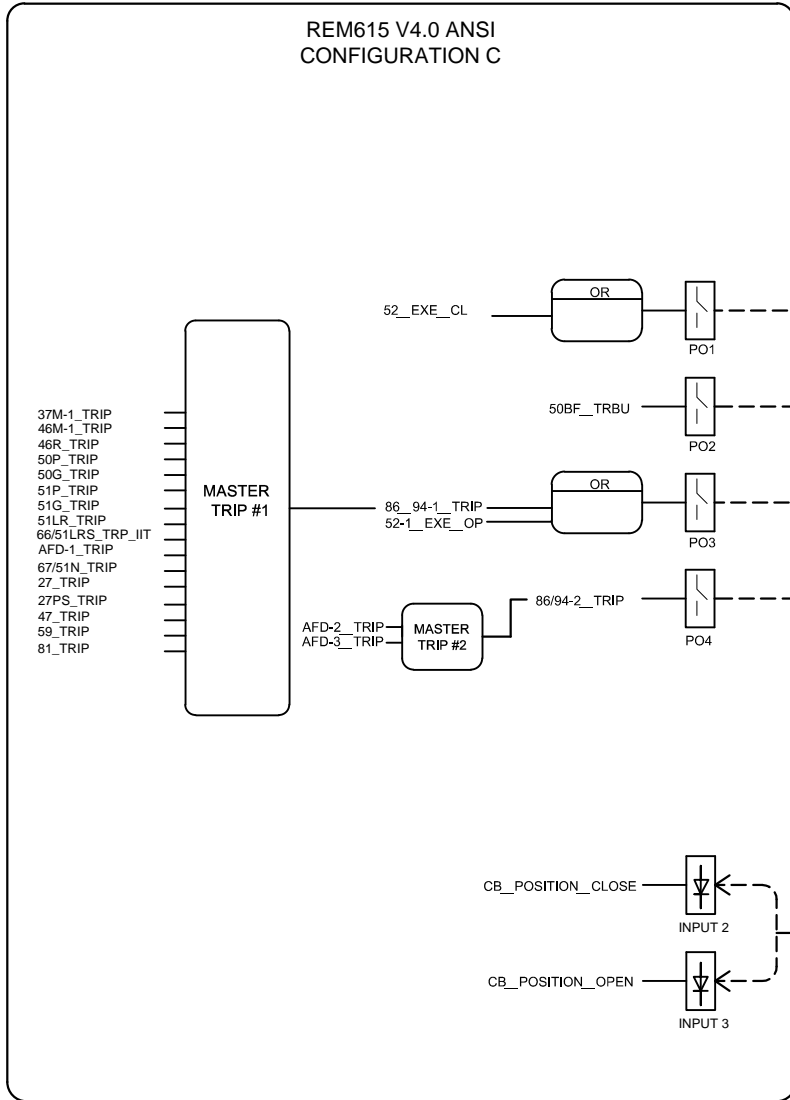


REM615_HAMCCACAFFE1BNN1XE



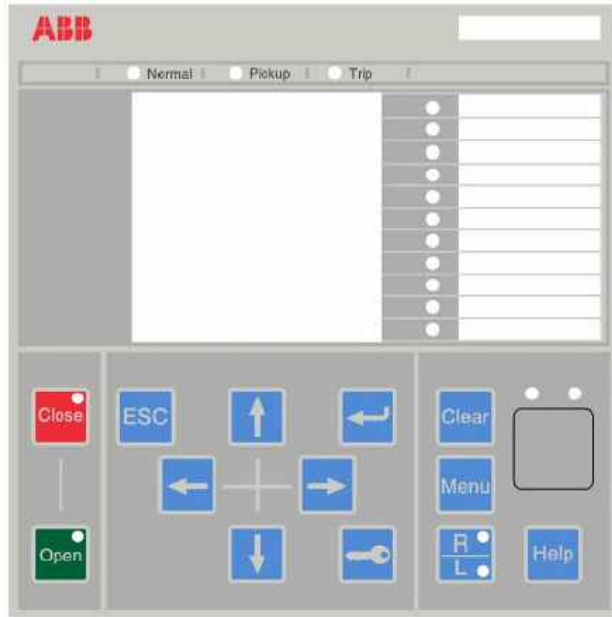
General Notes:

PCM600 ACT (Application Configuration Tool) logic is shown in default state.

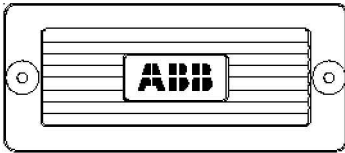
Notes:

1. Latched pushbottom switch emulates drop down menu for "IG/I0 Signal Sel" parameter in PCM600. Switch position shown for default setting (Meas Io). Switch is typical for all connected functions. Position can be set individually for each function.
2. Rotary switch emulates drop down menu for "Pol Signal Sel" parameter setting in PCM600. Switch position shown for default setting (Neg Seq Volt). "Pol Signal Sel" parameter setting "Calc Vo" not applicable for open delta connected VTs.

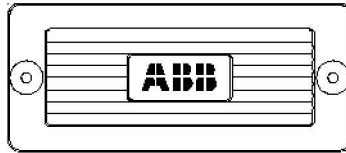
REM615_HAMCCACAFFE1BNN1XE



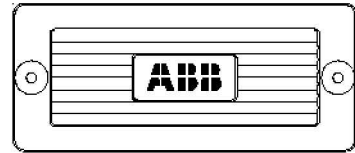
FT-1/TS1
Style No: 837A407G01
Code No: 083



FT-1/TS2
Style No: 129A501G01
Code No: 001



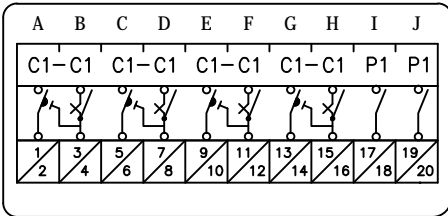
FT-1/TS3
Style No: 129A501G01
Code No: 001



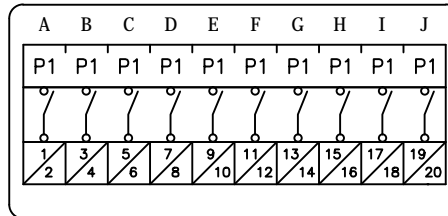
PHASE CURRENT ■ (IA)
PHASE CURRENT ■ (IB)
PHASE CURRENT ■ (IC)
GROUND CURRENT ■ (IG)

PHASE VOLTAGE ■ (VA)
PHASE VOLTAGE ■ (VB)
PHASE VOLTAGE ■ (VC)
GROUND VOLTAGE ■ (VG)

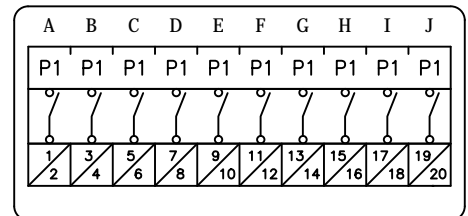
RELAY POS.VDC
RELAY NEG. VDC
52*_EXE_CL (PO1)
50BF_TRBU (PO2)
86_94*_TRIP/52*_EXE_OP (PO3)
86_94*_TRIP (PO4)
EMERGENCY_START_ENABLE (IN1)
CB_POSITION_CLOSE (IN2)
CB_POSITION_OPEN (IN3)



(CURRENTS)



(POTENTIALS)

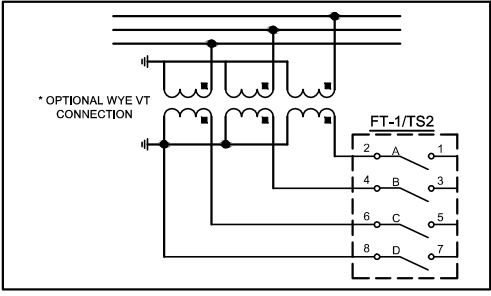
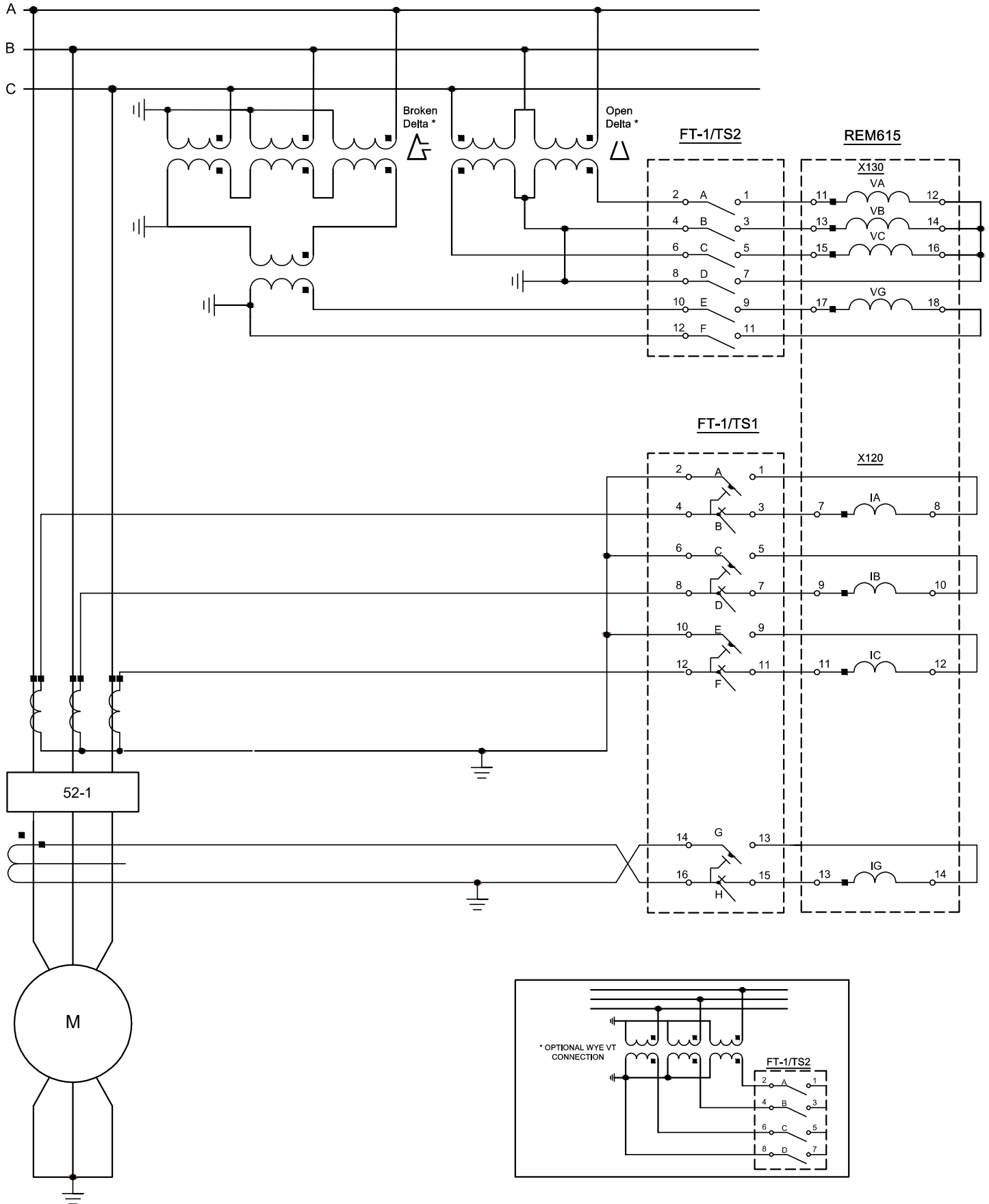


(POWER SUPPLY AND BINARY I/O)

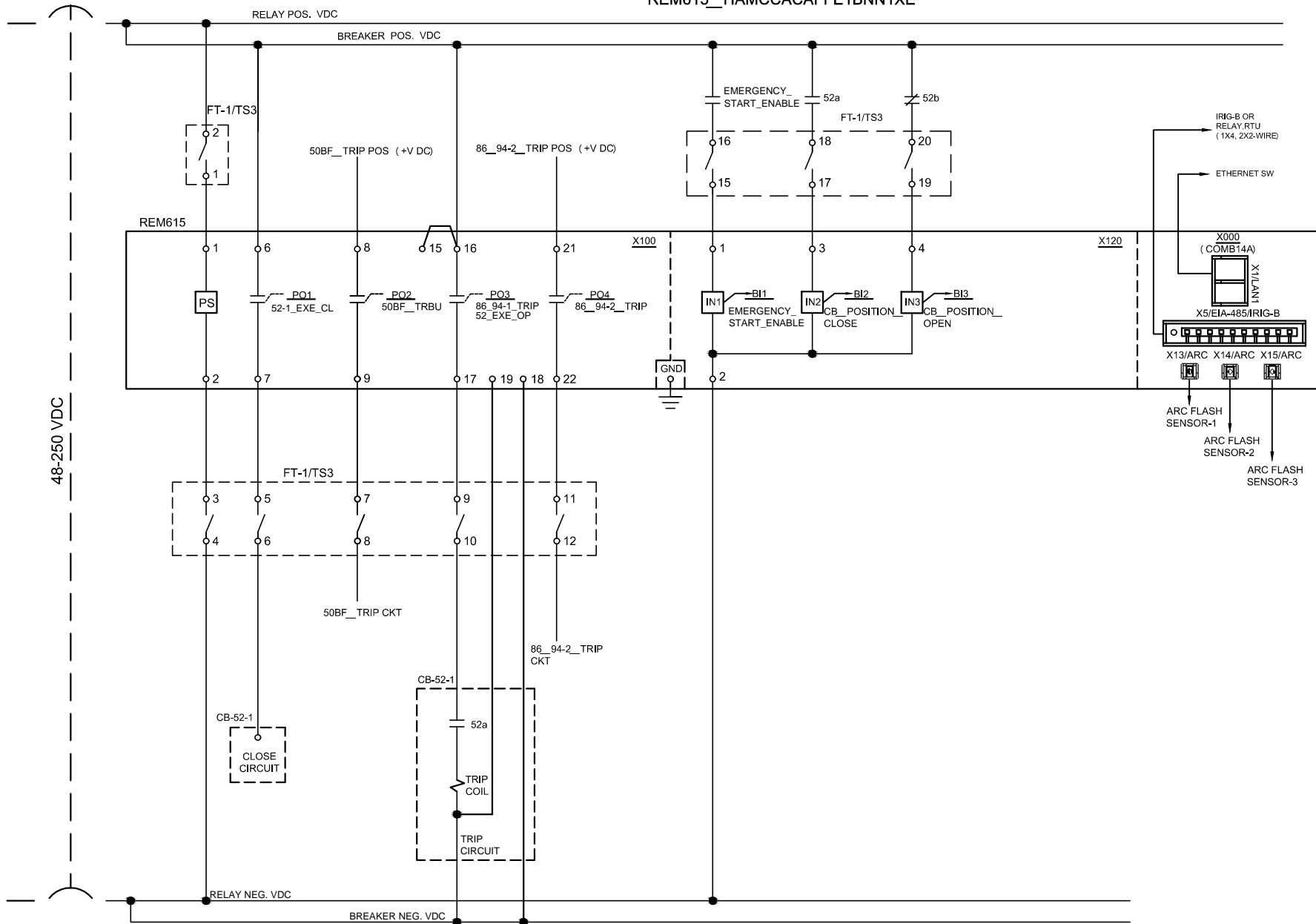
General Notes:

1. Style and code numbers for FT-1 switches provide black covers and handles, screw terminals and standard depth. Poles selection follows arrangement shown in this drawing set. For custom designs, different selection options can be made by using FT-1 configurator at ft1switch.com.
2. Refer to 615 series ANSI Installation Manual for relay and cutout dimensions (Document ID: MACCO51065-MB, Revision: D, Product version 4.0)

REM615_HAMCCACAFFE1BNN1XE



REM615_HAMCCACAFFE1BNN1XE

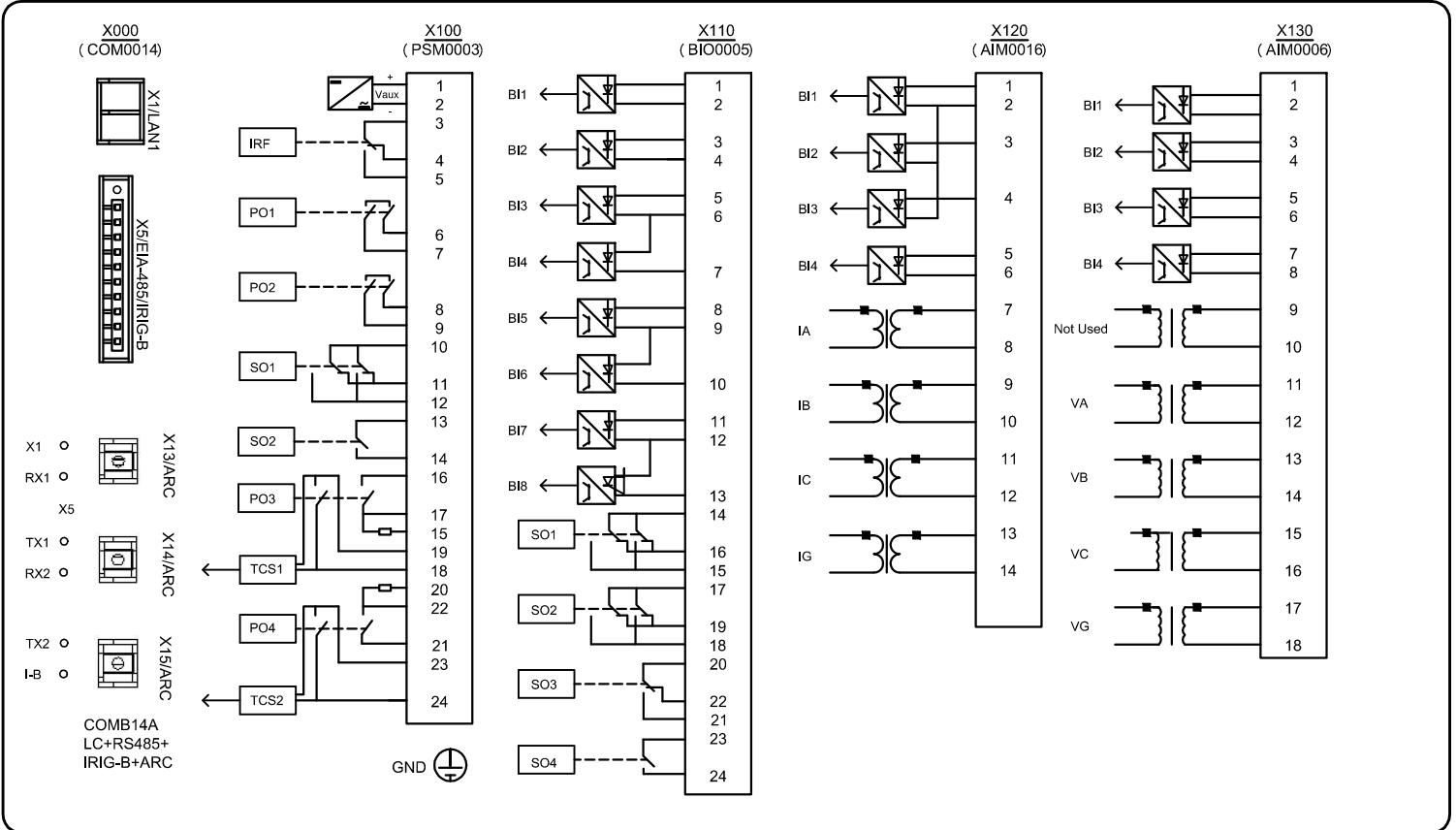


General Notes:

Binary I/O shown is from default PCM600 Application Configuration Tool ACT) .
 Connections shown are typical though more connections may be needed for specific application.



REM615_HAMCCACAFFE1BNN1XE



RR
REM615

X000-X1:
X000-X5:
X000-X13:
X000-X14:
X000-X15:

X100-1: SS1
X100-2: SS3
X100-3:
X100-4:
X100-5:
X100-6:
X100-7: SS5
X100-8:
X100-9: SS7
X100-10:
X100-11:
X100-12:
X100-13:
X100-14:
X100-15: X100-16
X100-16: X100-15
X100-17: SS9,
X100-18:
X100-19:
X100-20:
X100-21:
X100-22: SS11
X100-23:
X100-24:

X110-1:
X110-2:
X110-3:
X110-4:
X110-5:
X110-6:
X110-7:
X110-8:
X110-9:
X110-10:
X110-11:
X110-12:
X110-13:
X110-14:
X110-15:
X110-16:
X110-17:
X110-18:
X110-19:
X110-20:
X110-21:
X110-22:
X110-23:
X110-24:

X120-1: SS15
X120-2:
X120-3: SS17
X120-4: SS19
X120-5:
X120-6:
X120-7: UU3
X120-8: UU1
X120-9: UU7
X120-10: UU5
X120-11: UU11
X120-12: UU9
X120-13: UU15
X120-14: UU13

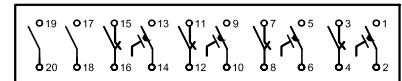
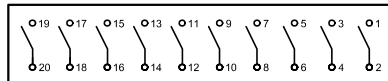
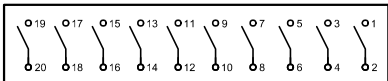
X130-1:
X130-2:
X130-3:
X130-4:
X130-5:
X130-6:
X130-7:
X130-8:
X130-9:
X130-10:
X130-11: TT1
X130-12: X130-14
X130-13: TT3
X130-14: X130-12, X130-16
X130-15: TT5
X130-16: X130-14, TT7
X130-17: TT9
X130-18: TT11

GND:

RR_X120-4
RR_X120-3
RR_X120-1
RR_X100-22
RR_X100-17
RR_X100-9
RR_X100-7
RR_X100-2
RR_X100-1

RR_X130-18
RR_X130-17
RR_X130-16
RR_X130-15
RR_X130-13
RR_X130-11

RR_X120-13
RR_X120-14
RR_X120-11
RR_X120-12
RR_X120-9
RR_X120-10
RR_X120-7
RR_X120-8



UU6
UU2, UU10
UU6