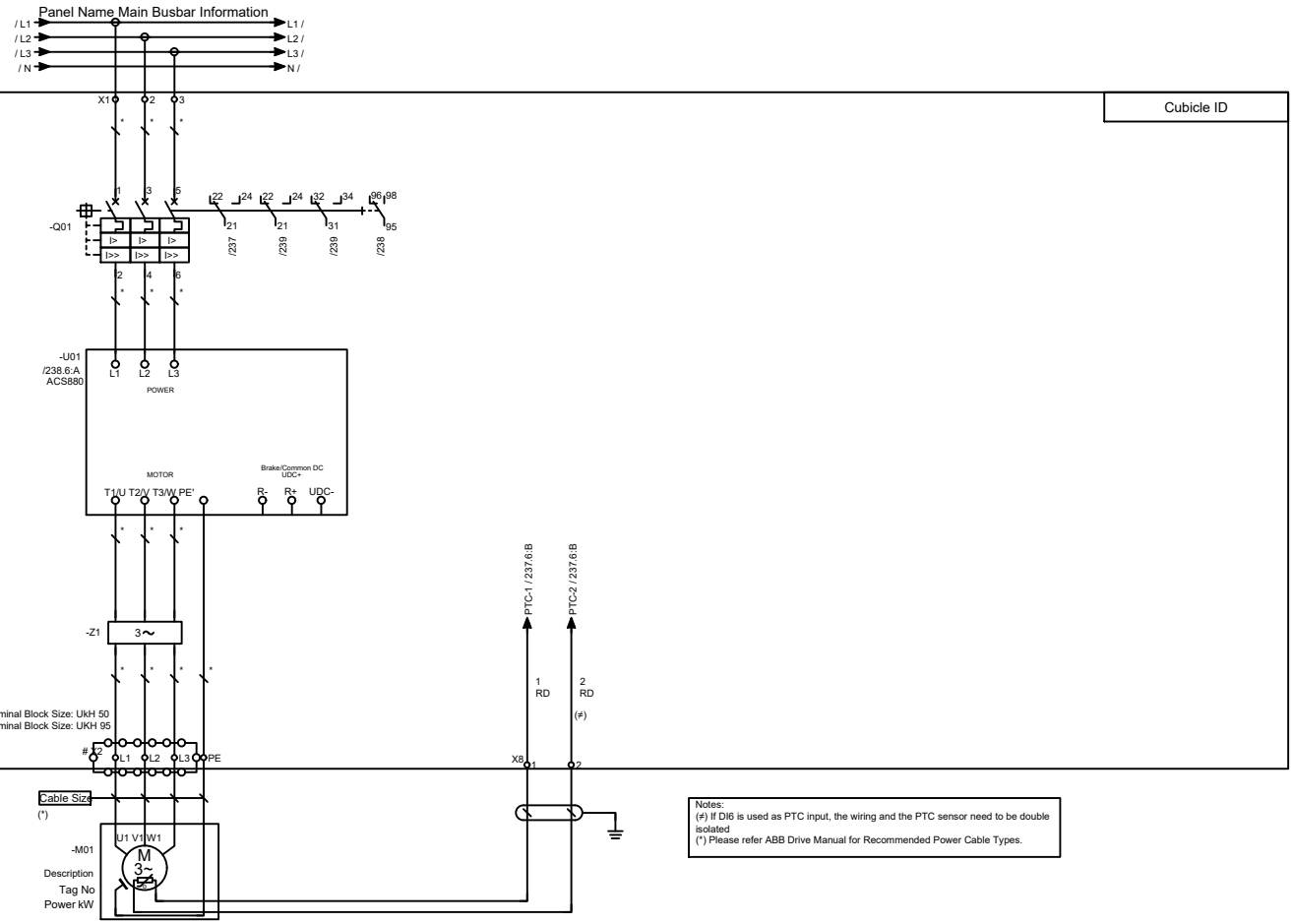
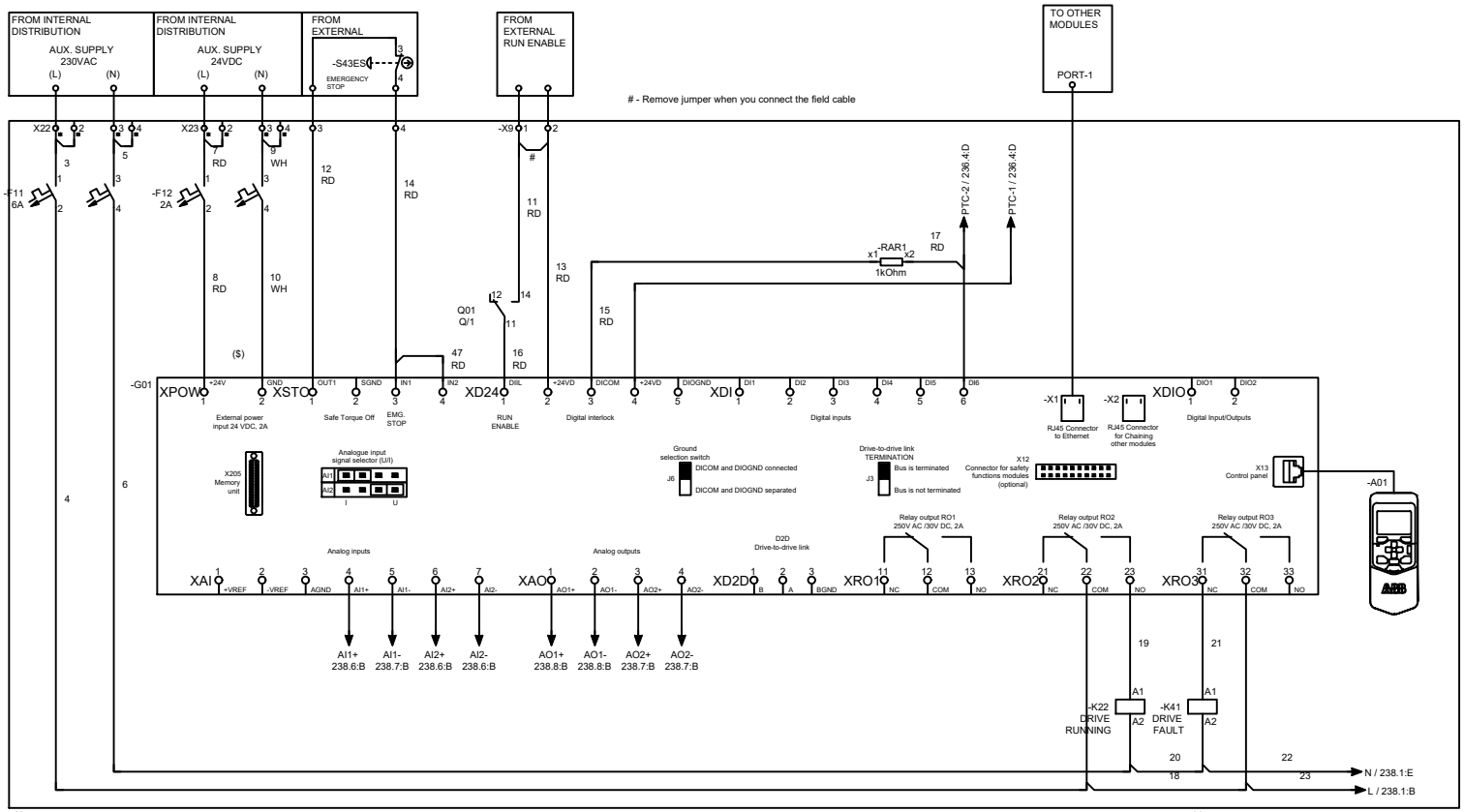
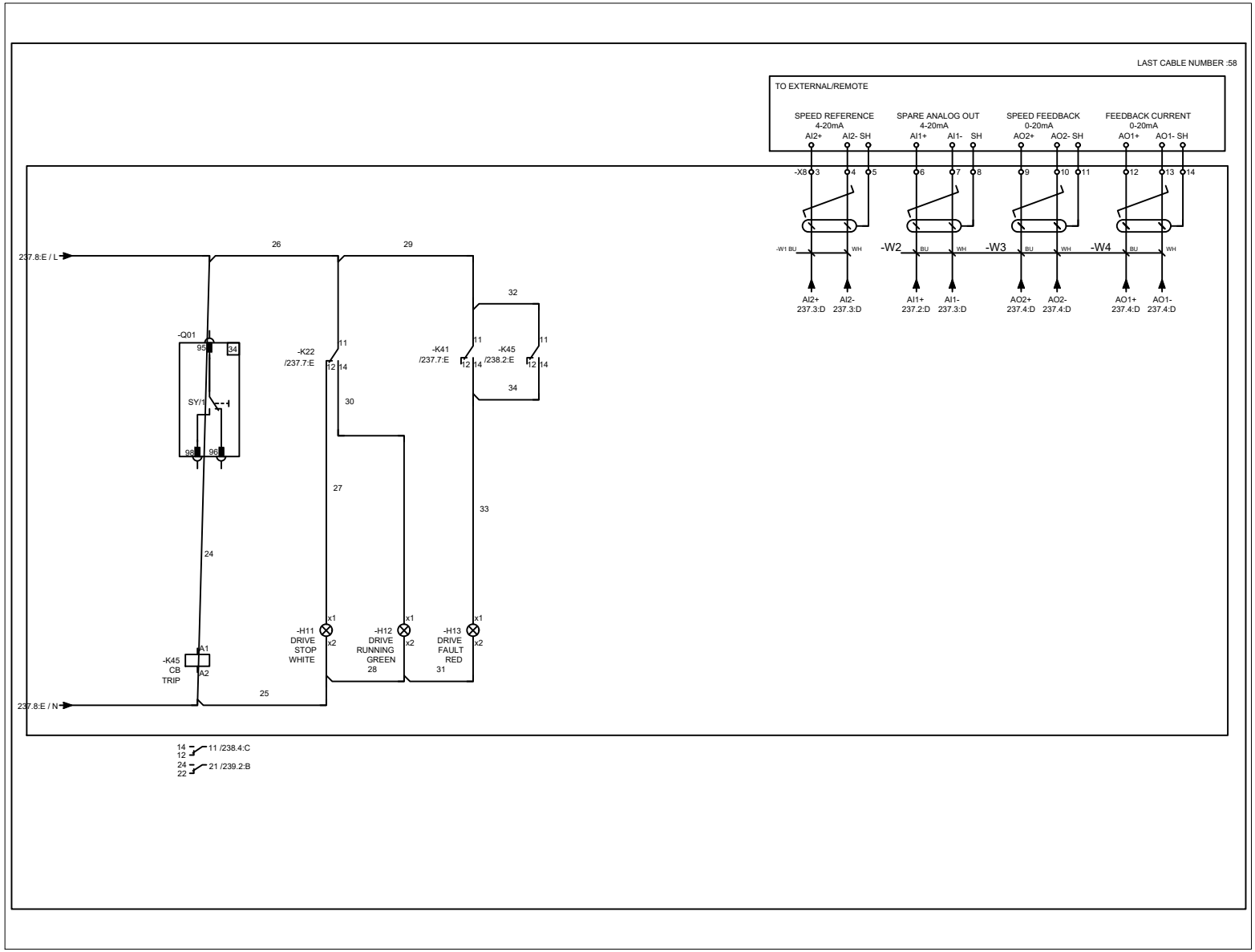


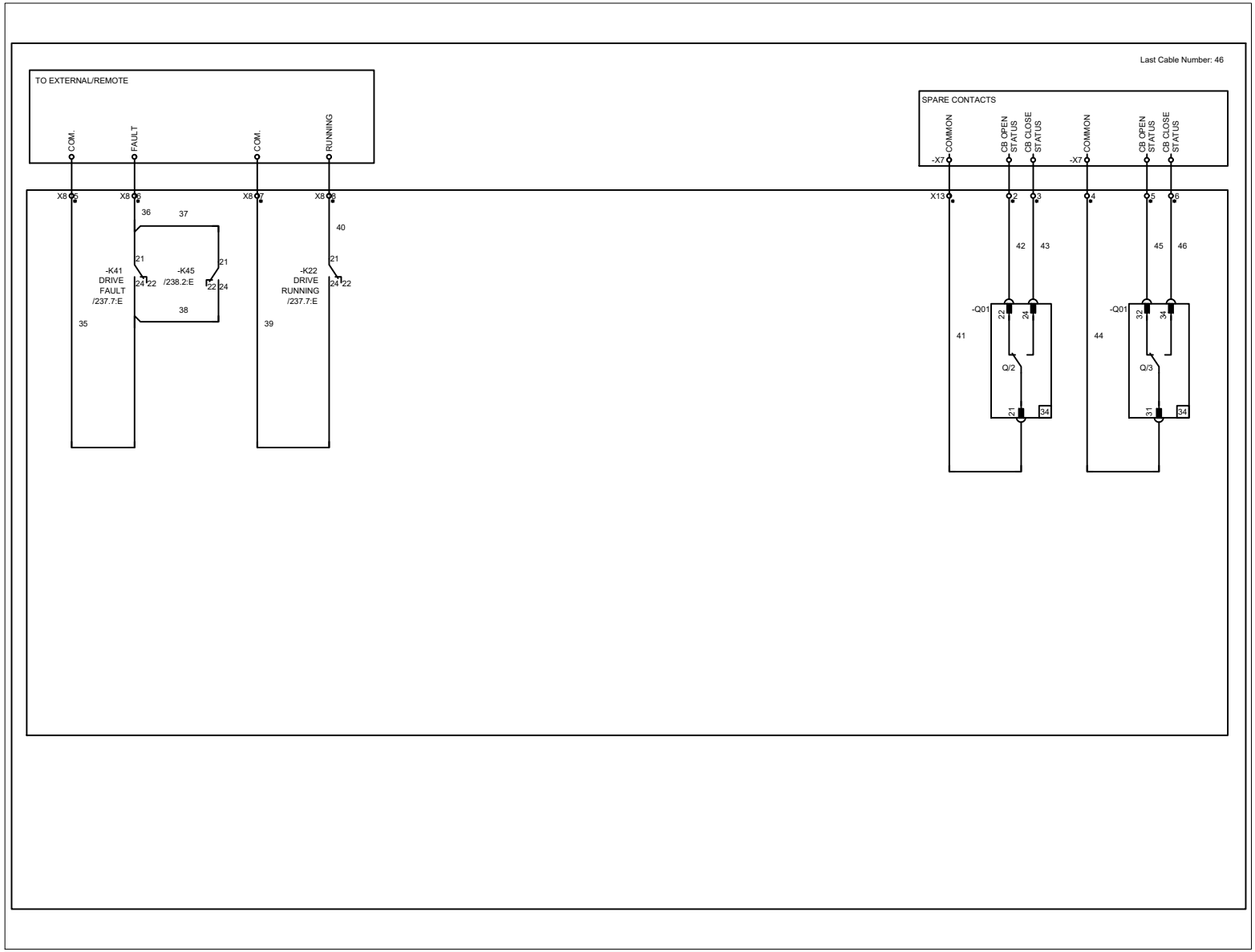
Notes:
(≠) If DI6 is used as PTC input, the wiring and the PTC sensor need to be double isolated
(*) Please refer ABB Drive Manual for Recommended Power Cable Types.



Note :

($)External +24 V (2 A) power supply for the control unit can be connected to terminal block XPOW. Using an external supply is recommended if
• the control board needs to be kept operational during input power breaks, for example, due to continuous fieldbus communication
• immediate restart is needed after power breaks (that is, no control board power up delay is allowed).


LAST CABLE NUMBER :58
TO EXTERNAL/REMOTE
SPEED REFERENCE 4-20mA
AI2+ AI2- SH
SPARE ANALOG OUT 4-20mA
AI1+ AI1- SH
SPEED FEEDBACK 0-20mA
AO2+ AO2- SH
FEEDBACK CURRENT 0-20mA
AO1+ AO1- SH
-X8
-W1 BU WH
-W2 BU WH
-W3 BU WH
-W4 BU WH
AI2+ 237.3:D
AI2- 237.3:D
AI1+ 237.2:D
AI1- 237.3:D
AO2+ 237.4:D
AO2- 237.4:D
AO1+ 237.4:D
AO1- 237.4:D
237.8:E / L
237.8:E / N
-Q01
SY/1
-K22 /237.7:E
-K41 /237.7:E
-K45 /238.2:E
-K45 CB TRIP
-H11 DRIVE STOP WHITE
-H12 DRIVE RUNNING GREEN
-H13 DRIVE FAULT RED
14 12 11 /238.4:C
24 22 21 /239.2:B


Last Cable Number: 46
TO EXTERNAL/REMOTE
COM.
FAULT
COM.
RUNNING
X8 5
X8 6
X8 7
X8 8
36
37
40
21
-K41
DRIVE
FAULT
/237.7:E
24 22
-K45
/238.2:E
22 24
38
35
-K22
DRIVE
RUNNING
/237.7:E
39
SPARE CONTACTS
COMMON
CB OPEN STATUS
CB CLOSE STATUS
-X7
X13
2
3
4
5
6
42
43
45
46
-Q01
22
24
32
34
41
44
Q/2
Q/3
21
31
34