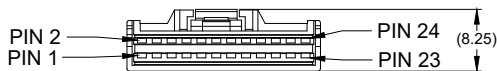
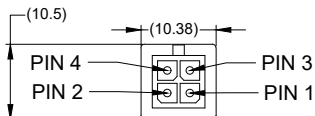


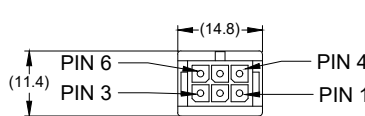
VIEW A

24-PIN FEMALE
MATING FACE

VIEW B

4-PIN MALE
MATING FACE

VIEW C

6-PIN MALE
MATING FACE

Revision Notes.

R1 -

APA:

Drawn:

Checked:

Approved:

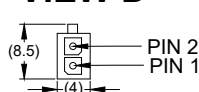
Date:

PIN#	COLOUR	DESCRIPTION
1	WHITE / LIGHT BLUE	INPUT - 1
2	RED	+5V
3	WHITE / ORANGE	INPUT - 2
4	BLACK	GND
5	WHITE / GREEN	INPUT - 3
6	GREEN	485A-1
7	WHITE / PURPLE	INPUT - 4
8	WHITE	485B-1
9	WHITE / PINK	INPUT - 5
10	BLACK	GND
11	WHITE / BROWN	INPUT - 6
12	GREEN	485A-R
13	WHITE / YELLOW	INPUT - 7
14	WHITE	485B-R
15	WHITE / DARK BLUE	INPUT - 8
16	GREY / LIGHT BLUE	OUTPUT - 1
17	GREEN	SPEED SIGNAL
18	GREY / ORANGE	OUTPUT - 2
19	BLACK	SPEED GND
20	BLACK	GND
21	BLACK	GND
22	RED	IBUTTON
23	RED / YELLOW	12V OUT
24	RED	+12V

PIN #	1	2	3	4	SHIELD
22-PIN	2	8	6	4	-
WIRE COLOUR	RED	WHITE	GREEN	BLACK	N.C
DESCRIPTION	+5V	485B-1	485A-1	GND	N.C

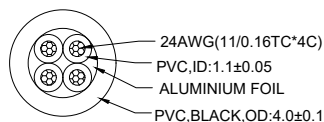
PIN #	1	2	3	4	5	6
24-PIN	N.C	N.C	10	12	14	24
WIRE COLOUR	N.C	N.C	BLACK	GREEN	WHITE	RED
DESCRIPTION	N.C	N.C	GND	485A-R	485B-R	+12V

VIEW D

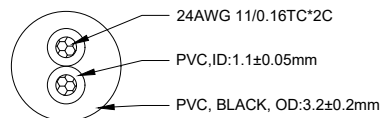
2-PIN MALE
MATING FACE

PIN #	1	2
24-PIN	20	22
WIRE COLOUR	BLACK	RED
DESCRIPTION	GND	IBUTTON

SECTION A-A



SECTION B-B



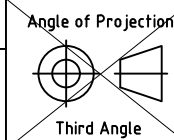
NOTES:

- REFERENCE INSTRUCTION GUIDE FOR FUNCTIONALITY.
- ISOLATE CABLES IF NOT USED.
- FOR CABLE LABEL REFER TO LATEST REVISION OF DRAWING BE-003113-XX-15.
- ANY CUSTOMER MODIFICATION OF THIS PRODUCT CAUSING SUBSEQUENT FAILURE IS NOT A LIABILITY OF BRIGADE ELECTRONICS GROUP PLC.
- 12V OUT MAXIMUM LOAD: 1A @ 12V.
- TRIGGER OUTPUTS MAXIMUM LOAD: 1A @ 12V.

PROPRIETARY NOTICE

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Units
mmScale
N/AReleased
05/03/2026Assembly Ref
-Status
RELEASEDPart No
8371

MDR-10-04

BE-005072-00-25

FrameV4.0