



# Technical Bulletin

## Wiring LFD-6 RS485 Amalgamated Display to Compac C4000

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## Scope

This document outlines the setup and wiring required in order to successfully connect the LFD-6 amalgamated display to the Compac C4000. It assumes that

- C4000 has been fitted with the RS485 interface board
- C4000 is running HIA29253\_LFD6 (current version at time of writing this document)

## Procedure

1. Set the Amalgamated display switches as shown below to enable serial communication

SW1	<b>ON</b>
SW2	OFF
SW3	OFF
SW4	OFF
SW5	OFF
SW6	OFF
SW7	OFF
SW8	OFF



2. Connect a 10-30Vdc power source to the LFD-6 display (power not provided by the C4000).

- Positive (+) to connection 1
- Negative (-) to connection 2



3. Connect the 3 wire RS485 communication to the display connections 9, 10 and 11 and the C4000 Power supply terminals TXDP, DTRP, GND (located in the flame proof box) as shown in the below diagram.

