

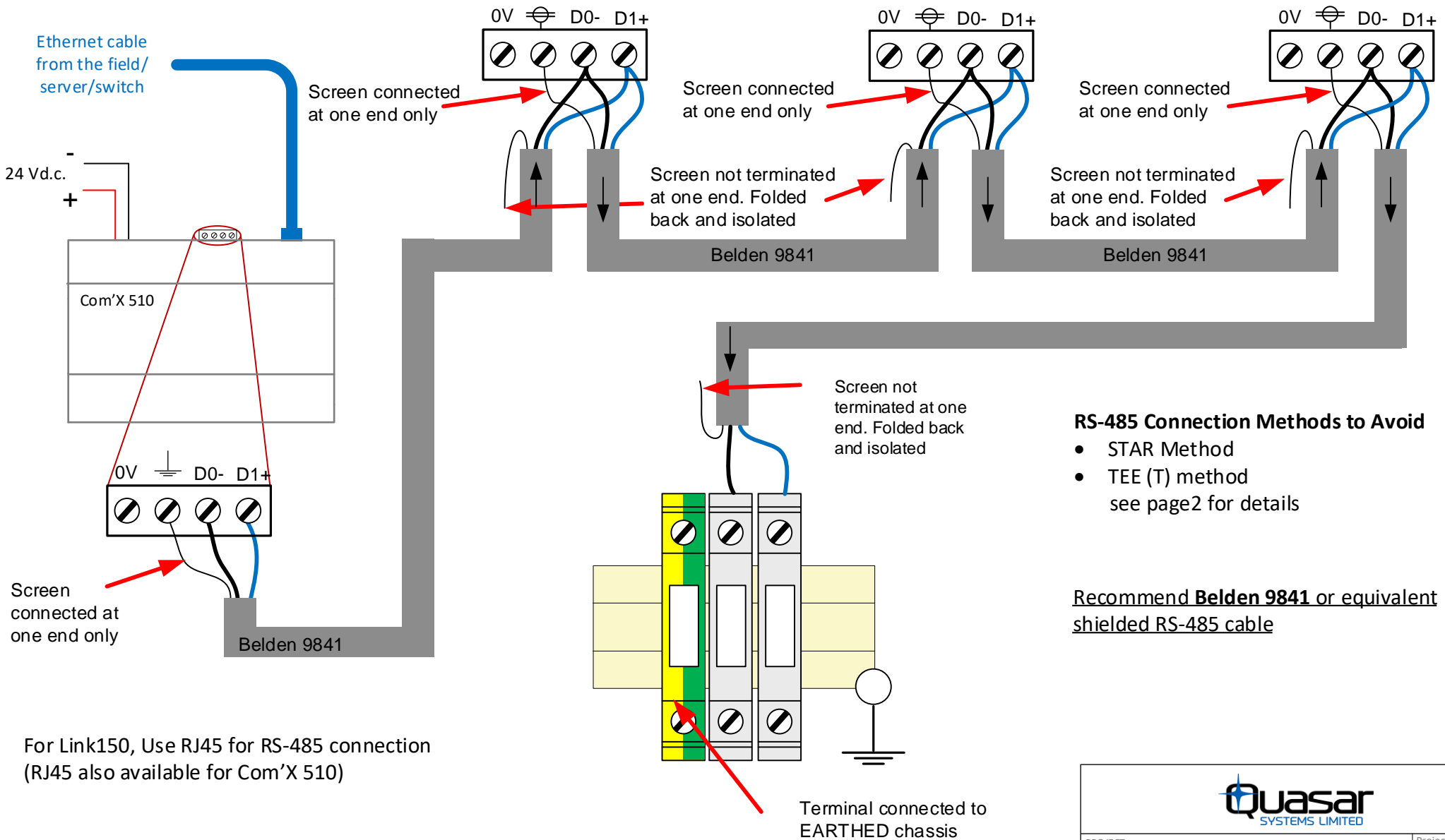
RS485 Wire Colours

- + white / clear or white with blue stripe
- black or blue with white stripe

iEM / PM meter COMM PORT

iEM / PM meter COMM PORT

iEM / PM meter COMM PORT



RS-485 Connection Methods to Avoid

- STAR Method
- TEE (T) method
see page2 for details

Recommend Belden 9841 or equivalent shielded RS-485 cable

For Link150, Use RJ45 for RS-485 connection (RJ45 also available for Com'X 510)

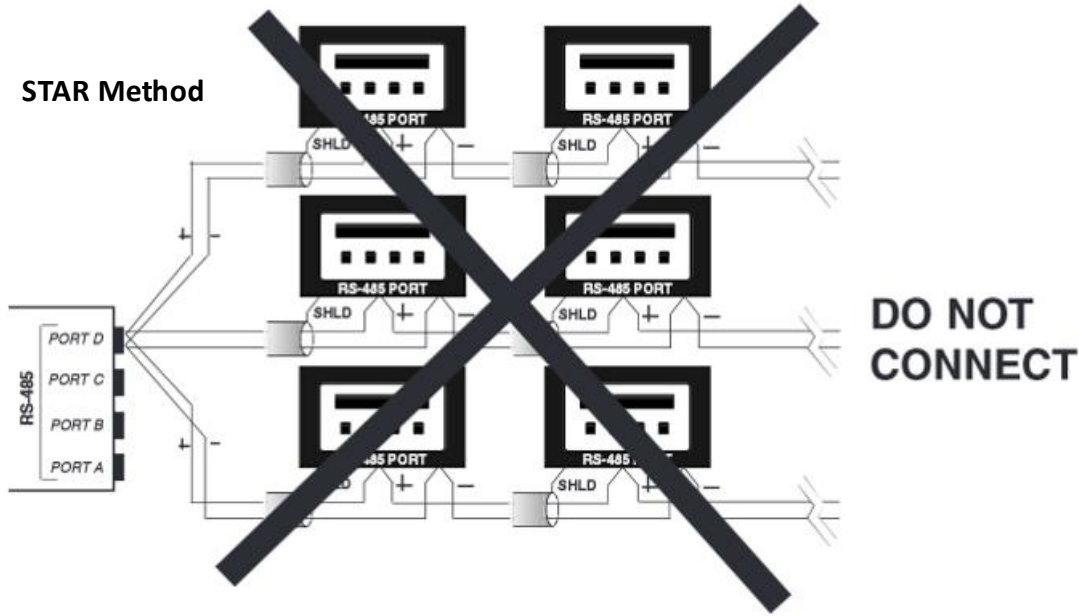
Terminal rail fitted within the panel at a safe location for the later connection of the field comms cables.

Not drawn to scale

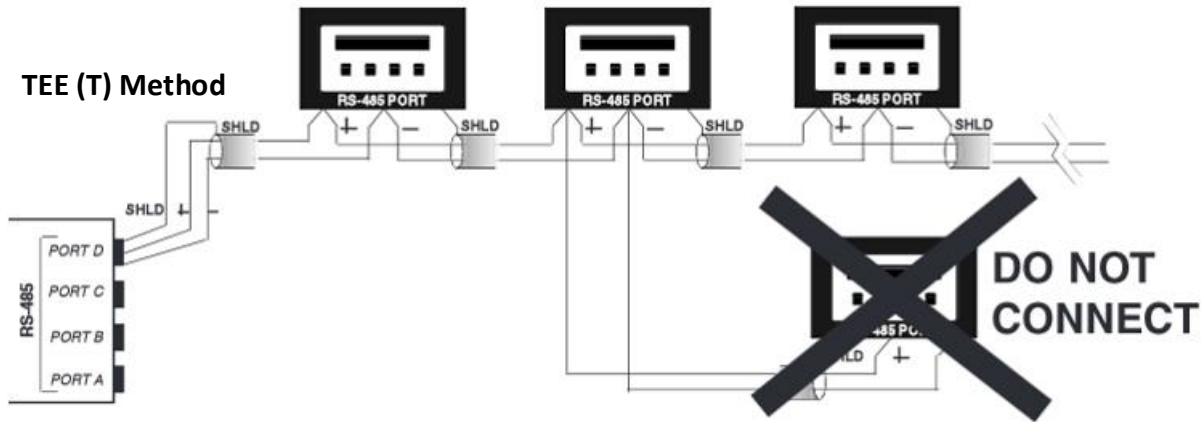


PROJECT		Project No.	
TITLE RS-485 Terminal Connections with earthing Com'X iEM/PM Meters			
DATE 15/11/2018	REVISION v04-02	DRAWN LS	CHECKED

STAR Method



TEE (T) Method



RS-485 Connection Methods to Avoid

Any device connection that causes a branch in the main RS-485 bus should be avoided. This includes star and tee (T) methods. These wiring methods cause signal reflections that may cause interference.

At any connection point on the RS-485 bus, no more than two cables should be connected. This includes connection points on instruments, converters, and terminal strips. Following this guideline ensures that both star and tee connections are avoided.



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