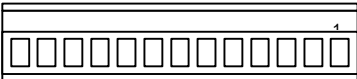
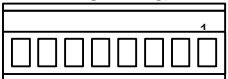
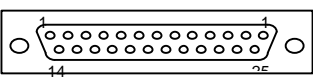


Translation table showing the PLC / Drive port connections across the full TIU range

1.0. Application

The following table shows the signal names and pin numbers for the PLC / Drive / Third party equipment Port on all TIU's. This will allow the connection to any TIU terminal using the current set of Application Notes.

2.0. Connection Details

TIU Type	13-Pin Screw Terminal Block 	8-Pin Screw Terminal 	25-Pin D-Type Male 
Signal Name	TIU100, TIU110	TIU050, 101, 102, 103, 111, 112, 113, 201, 202, 203	TIU300, 301, 302, 303, 304, 310, 311, 312, 313, 314, 320, 321, 322, 323, 324
+5V	1		
TX 485/422+	2	1	12
TX 485/422-	3	2	13
RX 485/422+	4	3	24
RX 485/422-	5	4	25
TX RS232	6	5	2
Signal GND	7	6	7
RX RS232	8	7	3
Frame Gnd	13	8	1
RTS RS232	-	-	4
CTS RS232	-	-	5
RTS 485/422+	-	-	14
RTS 485/422-	-	-	17
CTS 485/422-	-	-	18
CTS 485/422+	-	-	19

Do not connect to unlisted pins.

Recommended cable : Beldon 9503, twisted multipair, screened.
Connect the screens together at the shield / Earth pin of the PLC