

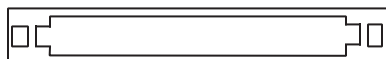
Ribbon cables are used to connect analog and discrete mounting boards to SmartMux, SmartMux-Plus, SmartPMux, 1781-PxBxxx, Data acquisition boards and other devices. Select the cable from the choices below.

CABLE P/N	NUMBER OF	CONNECTOR	CONNECTOR	COMMENT	TYPICAL USES
1781-CxEE	50	Edge – F	Edge – F	Non-Polarized	Digital I/O board to controller
1781-CxEH	50	Edge – F	Header – F	Polarized	Digital I/O board to SmartMux, 1781-PxBxxx
1781-CxED	50	Edge – F	D-shell	Polarized	
1781-CxHH	50	Header – F	Header – F	Polarized	Digital I/O board to controller
1781-CxDD	50	D-shell	D-shell	Polarized	
1781-CxHD	50	Header – F	D-shell	Polarized	
1781-5Cx(y)*	26	Header – F	Header – F	(3)	Analog I/O board to SmartMux
1781-C7x	26	Header – F	25 D-shell (P)	Polarized – used with 1781-7B I/O	Analog I/O board to SmartMux
1781-C7xDD	25	25 D-shell (P)	25 D-shell (P)	Use with WRC1	Analog I/O board to SmartMux-Plus
1781-CSD	6	RJ11	25 D-shell (P)	Use with WRC1	ASCII port for SmartMux-Plus, 6-foot long

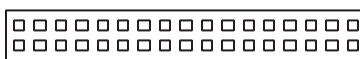
**NOTES:**

- (1) x = cable length (default = 1)
- (2) CSA certified
- (3) 1781-5Cx,y is a 26-conductor ribbon cable, each end equipped with a non-polarized, female header connector. Used with WRC's SmartMux analog adapters and analog mounting boards. A single 1781-5Cx,y cable is required when a using 2 1781-5B08 or 1781-5B16 mounting boards. Specify connector location for each connector from the SmartMux end using suffixes as needed. x,y = cable length, default is 1 foot (For example, a 1781-5C3,2 is 3 feet long with an additional connector 2 feet from the SmartMux end.)
- \* Previously supplied as 1781-5B01-Cx(y).

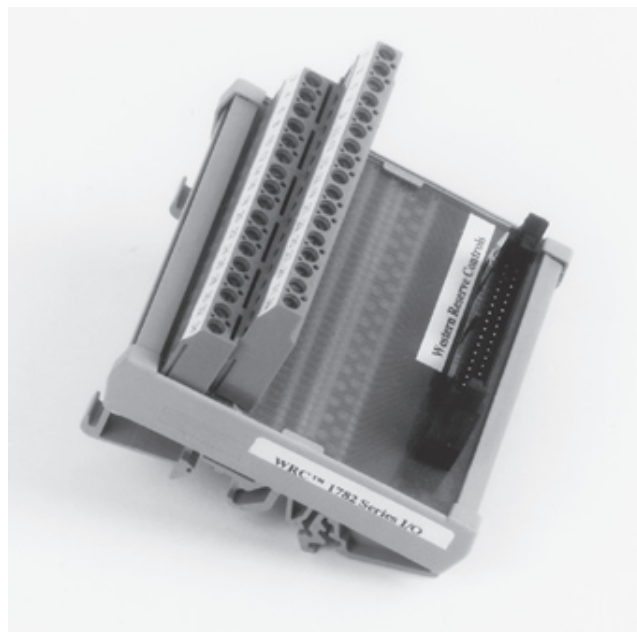
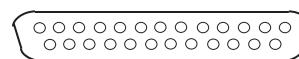
**EDGE CONNECTOR**



**HEADER CONNECTOR**



**D-SHELL CONNECTOR**



DIN-Rail mounted termination assemblies provide a convenient way to terminate ribbon cables using a screw termination for each conductor.

**1782-fbk26**

1782-FBK26 is used with 26-conductor ribbon cable for applications such as 1781-5B08T, 1781-5B16T, or 1781-JxA7 SmartMux adapters.

**1782-fbk50**

1782-FBK50 is used with 50 conductor ribbon cable such as used with any of the digital I/O mounting boards or to connect panel mount solid state relays to SmartMux adapters.