



QuickPanel+™ Serial Cables

Operator Interfaces

Serial Cable Availability

Here are the serial cables available for the QuickPanel+ Operator Interface. All cables are 12 feet long:

	Part Number	Description	Compatibility*
QuickPanel+ Serial Cables	HMI-CBL-C52	IBM AT 9 PIN Comm, RS-232	All
	HMI-CBL-C53	CMM 25 PIN Female Connector, RS-232	All
	HMI-CBL-C82	Programming Port, 15-pin Male, RS-422	All but 6" and 7"
	HMI-CBL-C93	GE Fanuc CMM SNP – RS-422	All but 6" and 7"
	HMI-CBL-C111	VersaMax CPU0001, 002, 005, 9-pin – RS-232	All
	HMI-CBL-C119	VersaMax Micro/Nano, 8-pin RJ45 Serial – RS-232	All
	HMI-CBL-C120	Series 90/30 CPU 351, 352, 353, RJ111 Serial – RS-232	All

*Serial cables are incompatible with 10 pin serial connector on IC755CBS12CDA and IC755CSS12CDA

Serial Cable Connectivity

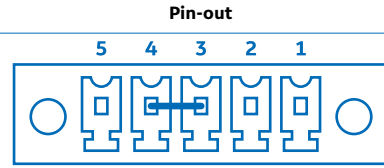
Here is a list serial cables for the QuickPanel+ Operator Interface and the components they can connect to:

PLC Manufacturer	PLC Type	Part Number	Description	Lifecycle
Allen Bradley	SLC5/03, 5/04, ControlLogix	HMI-CBL-C52	Channel 0, 9-pin Female, RS-232	Active
	PLC-5	HMI-CBL-C53	Channel 0, 25-pin Male, RS-232	Active
Automation Direct	DL305 & DL405 w/ 25-pin comm. port	HMI-CBL-C53	Programming Port, 25-pin Male, RS-232	Active
GE	Series 90 CMM Module	HMI-CBL-C53	25-pin Male, RS-232	Active
		HMI-CBL-C93	25-pin Male, RS-422	Active
	Series 90-30 & 90-70	HMI-CBL-C82	Programming Port, 15-pin Male, RS-422	Active
	Series 90-30 CPU351, 352, 363	HMI-CBL-C120	Program Port, 6-pin Male, RJ-11, RS-232	Active
	VersaMax CPU001, 002, 005	HMI-CBL-C111	Program Port, 9-pin Male, RS-232	Active
	VersaMax Nano/Micro	HMI-CBL-C119	Program Port, 8-pin Male, RJ-45, RS-232	Active
Mitsubishi	Series A	HMI-CBL-C53	25-pin Male, RS-232	Active
Modicon	984 A, B, X	HMI-CBL-C53	25-pin Male, RS-232	Active
Omron	C200H	HMI-CBL-C53	25-pin Male, RS-232	Active
Siemens	500 Series	HMI-CBL-C53	Programming Port, 25-pin Male, RS-232	Active
	305 & 405	HMI-CBL-C53	Programming Port, 25-pin Male, RS-232	Active
Square D SY/MAX	SY/MAX Model 50 via link adaptor	HMI-CBL-C53	25-pin Male, RS-232	Active

HMI-CBL-C52

5 Way Terminal Block Connection

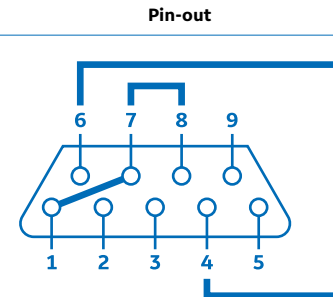
Pin Number	Signal Name	Cable Color
1	TXD	Black
2	RXD	Red
3	RTS	Jumper Wire (Find No. 8)
4	CTS	Jumper Wire (Find No. 8)
5	SGND	Green



5PIN TERMINAL BLOCK BACK VIEW

9 PIN D-Connector Connection

Pin Number	Signal Name	Cable Color
1	TXD	Black
2	RXD	Black
3	TXD	Red
4	DTR	Jumper Wire (Find No. 8)
5	SGND	Green
6	DSR	Jumper Wire (Find No. 8)
7	RTS	Jumper Wire (Find No. 8)
8	CTS	Jumper Wire (Find No. 8)
9	RI	No Connection

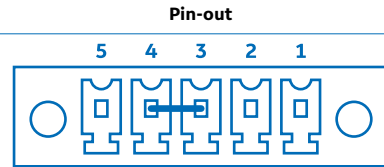


9PIN FEMALE BACK VIEW

HMI-CBL-C53

5 Way Terminal Block Connection

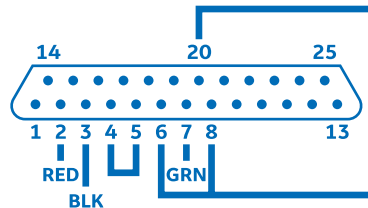
Pin Number	Signal Name	Cable Color
1	TXD	Black
2	RXD	Red
3	RTS	Jumper Wire
4	CTS	Jumper Wire
5	SGND	Green



5PIN TERMINAL BLOCK BACK VIEW

25 PIN D-Connector Connection

Pin Number	Signal Name	Cable Color
1	-	No Connection
2	TXD	Red
3	RXD	Black
4	RTS	Jumper Wire
5	CTS	Green
6	DSR	Jumper Wire
7	SGND	Green
8	DCD	Jumper Wire
9 to 13	-	No Connection
14 to 19	-	No Connection
20	DTR	Jumper Wire
21 to 25	-	No Connection



HMI-CBL-C82

5 Way Terminal Block Connection

Pin Number	Signal Name	Cable Color	Pin-out
1	TXD+	Red	<p>SPIN TERMINAL BLOCK BACK VIEW</p>
2	TXD-	Brown	
3	RXD+	Black + Res	
4	RXD-	White + Res	
5	SGND	Green	

15 PIN Male Connector Connection

Pin Number	Signal Name	Cable Color	Pin-out
1	-	No Connection	
2 to 5	-	No Connection	
6	RTS-	Jumper Wire	
7	SGND	Green	
8	CTS+	Jumper Wire	
9	-	No Connection	
10	RXD-	Brown + 120Ω Resistor	
11	RXD+	Red + 120Ω Resistor	
12	TXD-	White	
13	TXD+	Black	
14	RTS+	Jumper Wire	
15	CTS-	Jumper Wire	

HMI-CBL-C93

5 Way Terminal Block Connection

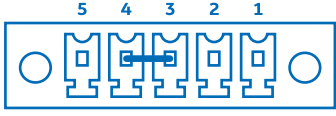
Pin Number	Signal Name	Cable Color	Pin-out
1	TXD+	Red	<p>SPIN TERMINAL BLOCK BACK VIEW</p>
2	TXD-	Brown	
3	RXD+	Black + Res	
4	RXD-	Black + Res	
5	SGND	Green	

25 PIN Male Connector Connection

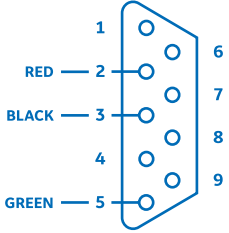
Pin Number	Signal Name	Cable Color	Pin-out
1 to 6	-	No Connection	
7	SGND	Green	
8	-	No Connection	
9	TXD-	White	
10	RTS-	Jumper Wire	
11	CTS-	Jumper Wire	
12	-	No Connection	
13	RXD-	Brown + 120Ω Resistor	
14 to 20	-	No Connection	
21	TXD+	Black	
22	RTS+	Jumper Wire	
23	CTS+	Jumper Wire	
24	-	No Connection	
25	RX+	Red + 120Ω Resistor	

HMI-CBL-C111

5 Way Terminal Block Connection

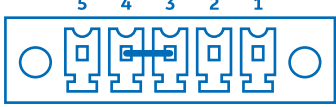
Pin Number	Signal Name	Cable Color	Pin-out
1	TXD	Black	 <p>5PIN TERMINAL BLOCK BACK VIEW</p>
2	RXD	Red	
3	RTS	Jumper Wire	
4	CTS	Jumper Wire	
5	SGND	Green	

9 PIN Male Connector Connection

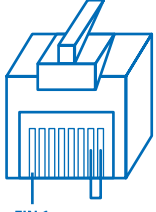
Pin Number	Signal Name	Cable Color	Pin-out
1	-	No Connection	 <p>9PIN MALE BACK VIEW</p>
2	TXD	Red	
3	RXD	Black	
4	-	No Connection	
5	SGND	Green	
6	-	No Connection	
7	-	No Connection	
8	-	No Connection	
9	-	No Connection	

HMI-CBL-C119

5 Way Terminal Block Connection

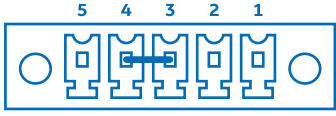
Pin Number	Signal Name	Cable Color	Pin-out
1	TXD	Black	 <p>5PIN TERMINAL BLOCK BACK VIEW</p>
2	RXD	Red	
3	RTS	Jumper Wire	
4	CTS	Jumper Wire	
5	SGND	Green	

RJ45 Connector Connection


Pin Number	Signal Name	Cable Color	Pin-out
1	RTS	Jumper Wire	 <p>PIN 1</p>
2	CTS	Jumper Wire	
3	RXD	Black	
4	TXD	Red	
5	-	No Connection	
6	-	No Connection	
7	-	No Connection	
8	SGND	Green	

HMI-CBL-C120

5 Way Terminal Block Connection

Pin Number	Signal Name	Cable Color	Pin-out
1	TXD	Black	 <p>5PIN TERMINAL BLOCK BACK VIEW</p>
2	RXD	Red	
3	RTS	Jumper Wire	
4	CTS	Jumper Wire	
5	SGND	Green	

RJ45 Connector Connection

Pin Number	Signal Name	Cable Color	Pin-out
1	CTS	Jumper Wire	 <p>FIN 1</p>
2	TXD	Red	
3	-	No Connection	
4	SGND	Green	
5	RXD	Black	
6	RTS	Jumper Wire	