

Table 15 - Display Modules - 700 to 1500 Terminals

Cat. No.	Input Type	Display	Marine Certified	Conformal Coated	Built-in Antiglare Overlay
1250 Model					
2711P-RDK12C	Keypad	12.1-in. color			
2711P-RDK12CK	Keypad			•	
2711P-RDT12C	Touch				
2711P-RDT12CK	Touch			•	
2711P-RDT12H ⁽¹⁾	Keypad/Touch				
2711P-RDT12AG	Touch				•
2711P-RDB12C	Keypad/Touch				
2711P-RDB12CK	Keypad/Touch			•	
1500 Model					
2711P-RDK15C	Keypad	15-in. color			
2711P-RDT15C	Touch				
2711P-RDT15AG	Touch				•
2711P-RDB15C	Keypad/Touch				

(1) H at end of cat. no. refers to 1250 High-bright display module.

Table 16 - Logic Modules - 700 to 1500 Terminals

Cat. No.	Power Input	Memory RAM/Nonvolatile	Communication	Marine Certified	Conformal Coated	Included Software
Without Standard Features						
2711P-RP8A	AC	512 MB/512 MB (approximately 79 MB free user memory)	• Ethernet • RS-232 • Network interface for communication module	•		• Windows CE 6.0 operating system • FactoryTalk View Machine Edition runtime, version 6.0 or later • FactoryTalk ViewPoint software, version 1.2 or later
2711P-RP8D	DC			•		
2711P-RP8DK	DC			•	•	
With Extended Features						
2711P-RP9A	AC	512 MB/512 MB (approximately 79 MB free user memory)	• Ethernet • RS-232 • Network interface communication module	•		• Windows CE 6.0 operating system with extended features and file viewers • FactoryTalk View Machine Edition runtime, version 6.0 or later • FactoryTalk ViewPoint software, version 1.2 or later
2711P-RP9D	DC			•		
2711P-RP9DK	DC			•	•	

Table 17 - Communication Modules - 700 to 1500 Terminals

Cat. No.	Communication				Conformal Coated	Marine Certified
	Ethernet	DH+	DH-485	ControlNet ⁽²⁾		
2711P-RN6		•	•			
2711P-RN6K		•	•		•	
2711P-RN15S				•		•
2711P-RN15SK				•	•	
2711P-RN20 ⁽¹⁾	•					

(1) All terminals have an Ethernet port. The cat. no. 2711P-RN20 module provides an additional Ethernet port.

(2) Scheduled and unscheduled communication.

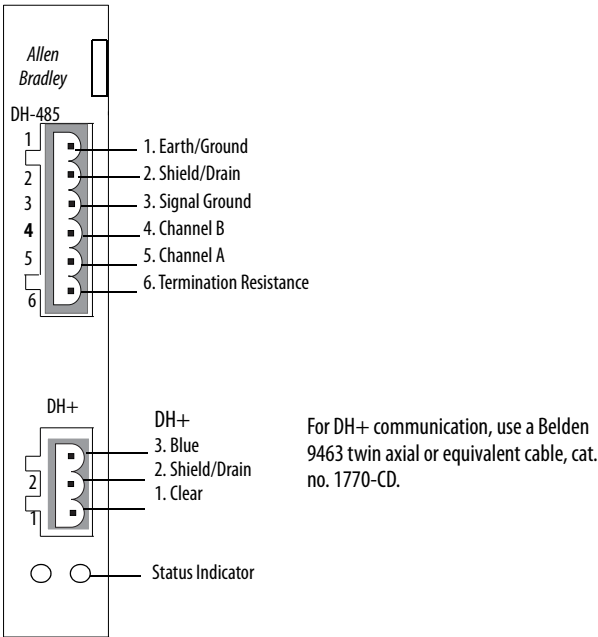
DH-485/DH+ Communication Module

700 to 1500 terminals with a catalog number 2711P-RN6 or 2711P-RN6K communication module support communication with these networks:

- DH+™ networks
- DH-485 networks

The communication module has a separate port for each communication protocol. You can communicate with one network only at one time.

Figure 19 - DH-485/DH+ Communication Module Connectors



IMPORTANT See your controller documentation for appropriate controller connections.

Status Indicators

The module has indicators that show the status of the DH-485 or DH+ network connection.

Table 70 - DH-485 and DH+ Status Indicators

Indicator State	Description
Off	Channel is not online.
Blinking green	Device is only node on the network.
Solid green	Device is online and receiving token.
Blinking red	DH-485: Duplicate node. DH+: Parity error.
Solid red	Failed selftest.

Controller Connections

The tables provide a summary of PanelView Plus 6 connections to controllers and interface modules for runtime communication.

Table 74 - PanelView Plus 6 Terminals to SLC Controllers

Protocol	PanelView Plus 6 Comm Port	SLC 500, 5/01, 5/02 CH1 RJ45 (DH-485)	SLC 5/03, 5/04, 5/05 CH0 (9-pin RS-232) (DF1 or DH-485)	SLC 5/03 CH1 (RJ45) (DH-485)	SLC 5/04 CH1 (DH+)	SLC 5/05 CH1 (ENET)
DF1	RS-232 (DF1) port (9-pin) All terminals	—	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	—	—	—
DH-485	RS-232 (DH-485) port (9-pin) All terminals	Use AIC+ module (1761-NET-AIC) to connect to port 1 or 2	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	Use AIC+ module (1761-NET-AIC) to connect to port 1 or 2	—	—
	DH-485 port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)	Use AIC+ module (1761-NET-AIC) to connect to port 3	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)	—	—
EtherNet/IP	EtherNet/IP port All terminals 2711P-RN20 provides additional port - 700 to 1500 terminals only	—	Use 1761-NET-ENI module with Ethernet cable	—	—	1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)
ControlNet	ControlNet port 700 to 1500 terminals only Require 2711P-RN15S, 2711P-RN15SK	—	—	—	—	—
DH+	DH+ port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	—	—	—	Shielded twinaxial cable (1770-CD)	—

Table 75 - PanelView Plus 6 Terminals to PLC-5 and MicroLogix Controllers

Protocol	PanelView Plus 6 Comm Port	PLC-5, PLC-5C, PLC-5E CH0 (25-pin RS-232) (DF1)	MicroLogix 1400, 1500LRP CH1/CH2 (9-pin RS-232) (DF1 or DH-485)	MicroLogix 1000, 1100, 1200, 1400, 1500LSP CH0 (8-pin Mini DIN) (DF1 or DH-485)	MicroLogix 1100, 1400 Ethernet
DF1	RS-232 (DF1) port (9-pin) All terminals	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) (9-to-25 pin adapter required)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) ⁽¹⁾	—
DH-485	RS-232 (DH-485) port (9-pin) All terminals	—	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft)	—
	DH-485 port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	—	—	Use AIC+ module (1761-NET-AIC) to connect to port 3	—
EtherNet/IP	EtherNet/IP port All terminals 2711P-RN20 provides additional port - 700 to 1500 terminals only	To PLC-5E with 1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft)	Use 1761-NET-ENI module with Ethernet cable		1585J-M type cable or 2711P-CBL-EX04 (4 m/14 ft) ⁽¹⁾
ControlNet	ControlNet port 700 to 1500 terminals only Require 2711P-RN15S, 2711P-RN15SK	To PLC-5C with ControlNet cable	—	—	—
DH+	DH+ port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	Shielded twinaxial cable (1770-CD)	—	—	—

(1) The AIC+ module is recommended for isolation purposes when the terminal and controller are not on same power supply.

Table 76 - PanelView Plus 6 Terminals to Logix Controllers

Protocol	PanelView Plus 6 Comm Port	ControlLogix CH0 (9-pin RS-232) (DF1)	CompactLogix™ CH0 (9-pin RS-232) (DF1 or DH-485)
DF1	RS-232 (DF1) port (9-pin) All terminals	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
DH-485	RS-232 (DH-485) port (9-pin) All terminals	—	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
	DH-485 port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	—	Use AIC+ module (1761-NET-AIC) Connect to Port 3
EtherNet/IP	EtherNet/IP port All terminals 2711P-RN20 provides additional port - 700 to 1500 terminals only	Use 1756-EN2T or 1756-ENBT module with 1585J-M type cable or 2711P- CBL-EX04 (4 m/14 ft)	To 1769-L35E, 1769-L23E, 1769-L32E, or 1768-ENBT module with 1585J-M type cable or 2711P- CBL-EX04 (4 m/14 ft)
ControlNet	ControlNet port 700 to 1500 terminals only Require 2711P-RN15S, 2711P-RN15SK	Use 1756-CNB module with ControlNet cable	1769-L35CR, 1769-L32C, 1768-CNB, or 1768-CNBR with ControlNet cable
DH+	DH+ port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	Use 1756-DHRIO module with shielded twinaxial cable (1770-CD)	—

Table 77 - PanelView Plus 6 Terminals to Interface Modules

Protocol	PanelView Plus 6 Comm Port	1747-AIC	1761-NET-AIC			1761-NET-ENI
			Port 1 (9-pin)	Port 2 (8-pin Mini DIN)	Port 3 (DH-485)	Port 2 (8-pin Mini DIN)
DF1	RS-232 port (9-pin) All terminals	—	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) Null modem required	—	1761-CBL-AP00 (5 m) 1761-CBL-PM02 (2 m) 2711-CBL-PM05 (5 m) 2711-CBL-PM10 (10 m)
DH-485	RS-232 port (9-pin) All terminals	—	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) Null modem required	—	—
	DH-485 port 700 to 1500 terminals only Require 2711P-RN6, 2711P-RN6K	Direct connection to single AIC with Belden 9842 cable ⁽¹⁾	—	—	Direct connection to single AIC+ with Belden 9842 cable ⁽¹⁾	—

(1) Use serial port on the PanelView Plus 6 terminal with an AIC+ module for a DH-485 network solution.