

# Product Details and Certifications

**Cross Reference RA Part Number: 302071-A01**

**Product: 20-750-20COMM**

Description: PowerFlex 750-Series 20-COMM-\* Adapter Card



Representative Photo Only (actual product may vary based on configuration selections)

## ***USER INSTALLED OPTIONS***

Communications Kits

PowerFlex 750-Series 20-COMM-\* Adapter Card

### PowerFlex 750-Series Legacy Communication Compatibility

Most legacy communication adapters (20-COMM) can be used with the PowerFlex 753/755. However, the restrictions stated below do apply.

Frame 1 - It is recommended that the 20-750-20COMM-F1 Communication Carrier Card only be installed in Port 4. Port 5 will not be accessible when this module is installed.

Frames 2 and larger - It is recommended that the **20-750-20COMM** Communication Carrier Card be installed in Port 6. Using Port 4 or 5 will make the adjacent left port inaccessible to other option modules and may interfere with network cable connections.

Adapter		Accesses Ports 0...6 for I/O Connections (Implicit and Explicit Messaging)	Accesses Ports 7 and Higher (I/O, Explicit Messaging)	Supports Drive Add-on Profiles	Supports Asian- Languages <sup>(1)</sup>
Cat. No.	Type				
20-COMM-B	BACnet MS/TP	Not Compatible			
20-COMM-C	ControlNet (Coax)	✓ v3.001 <sup>(2)</sup>	✓ v3.001 <sup>(2)</sup>	✓ <sup>(3)</sup>	✓ v3.001 <sup>(2)</sup>
20-COMM-D	DeviceNet	✓ <sup>(4)</sup>	Not Compatible		
20-COMM-E	EtherNet/IP	✓ v4.001 <sup>(2)</sup>	✓ v4.001 <sup>(2)</sup>	✓ <sup>(3)</sup>	✓ v4.001 <sup>(2)</sup>
20-COMM-H	RS-485 HVAC	✓ v2.009 <sup>(5) (2)</sup>	Not Compatible		
20-COMM-K	CANopen	✓ v1.001 <sup>(2)</sup>			
20-COMM-L	LonWorks	✓ v1.007 <sup>(2)</sup>			
20-COMM-M	Modbus/TCP	✓ v2.001 <sup>(2)</sup>			
20-COMM-P	ControlNet (Fiber)	✓ v1.006 <sup>(2)</sup>	✓ v1.006 <sup>(2)</sup>	Not Compatible	Not Compatible
20-COMM-Q	PROFIBUS DP	✓ v3.001 <sup>(2)</sup>	✓ v3.001 <sup>(2)</sup>	✓ <sup>(3)</sup>	✓ v3.001 <sup>(2)</sup>
20-COMM-R <sup>(6)</sup>	Remote I/O	✓ <sup>(4)</sup>	Not Compatible		
20-COMM-S	RS-485 DF1	✓ <sup>(4)</sup>			

- (1) Chinese, Japanese, and Korean languages are supported at the time of publication.
- (2) Requires this adapter firmware version or higher.
- (3) Requires firmware version v1.05 or higher of the drive Add-on Profiles for Studio 5000 Logix Designer software.
- (4) Controller must be capable of reading/writing 32-bit floating point (REAL) values.
- (5) Supports all three modes of operation (RTU, P1, N2).
- (6) This item has Silver Series status.

### Communication Accessories

Description	Cat. No.	Used with PowerFlex Drive		AFE
		70	753/755	
Serial Null Modem Adapter	1203-SNM	✓	✓	✓
Smart Self-powered Serial Converter (RS232) includes 1203-SFC and 1202-C10 Cables	1203-SSS	✓	✓	✓
Universal Serial Bus™ (USB) Converter includes 2m USB, 20-HIM-H10 and 22-HIM-H10 Cables	1203-USB	✓	✓	✓
ControlNet T-tap Straight	1786-TPS		✓	
Communication Carrier Card for PowerFlex 750-Series Frame 1 drives	20-750-20COMM-F1		✓	
<b>Communication Carrier Card for PowerFlex 750-Series Frame 2 or higher drives</b>	<b>20-750-20COMM</b>		✓	

