

TURCK

Network Media Products

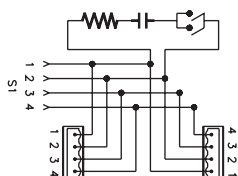
PROFIBUS®-PA, *minifast*® Conduit Adapters

- Gasket and Mounting Screws Provided
- Same Housing Style for Single or Double Port

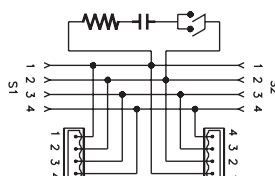


Housing	Part Number	Specs	Application	Pinout
	BCA 48-M123	Nylon Housing 300 V, 9 A -40° to +75°C	Attaches to standard conduit body* for transition to 4-wire (7/8-16UN) <i>minifast</i> connector *Crouse-Hinds 3/4" Form 8, or Mark 9 or equivalent.	<p style="text-align: center;">Male</p>
	BCA 48-M223		Attaches to standard conduit body* for transition to 4-wire (7/8-16UN) <i>minifast</i> connector *Crouse-Hinds 3/4" Form 8, or Mark 9 or equivalent.	

1-port Wiring Diagram



2-port Wiring Diagram



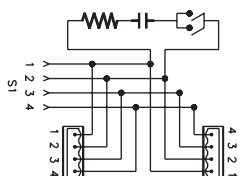
PROFIBUS®-PA, eurofast® Conduit Adapters

- Gasket and Mounting Screws Provided
- Same Housing Style for Single or Double Port

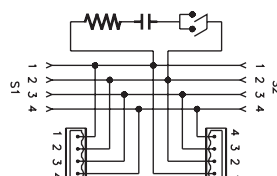


Housing	Part Number	Specs	Application	Pinout
	BCA 48-E123	Nylon Housing 250 V, 4 A -40° to +75°C	Attaches to standard conduit body* for transition to 4-wire (M12x1) eurofast connector *Crouse-Hinds 3/4" Form 8, or Mark 9 or equivalent.	<p>Female</p>
	BCA 48-E223		Attaches to standard conduit body* for transition to 4-wire (M12x1) eurofast connector *Crouse-Hinds 3/4" Form 8, or Mark 9 or equivalent.	

1-port Wiring Diagram



2-port Wiring Diagram



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PROFIBUS® -PA, Tees

- Creates a Drop or Branch from the Main Bus Line
- *minifast*® Connectors on Bus or Drop Lines



Housing	Part Number	Specs	Application	Wiring Diagrams
	RSV 2RKV 48		<i>minifast</i> Tee <ul style="list-style-type: none"> • Data, ground, shield • Stainless steel coupling nuts 	
	RSV FKV RKV 48	PUR (Polyurethane) 250 V, 4 A -40° to +75°C	<i>minifast</i> to <i>eurofast</i> ® Drop <ul style="list-style-type: none"> • Data, ground, shield • Stainless steel coupling nuts 	
	RSCS 2RKCS 48		<i>eurofast</i> Tee <ul style="list-style-type: none"> • Stainless steel coupling nuts 	

Pinouts

<i>minifast</i>		<i>eurofast</i>	
Male	Female	Male	Female

PROFIBUS®-PA, Gender Changers and Elbow Connectors

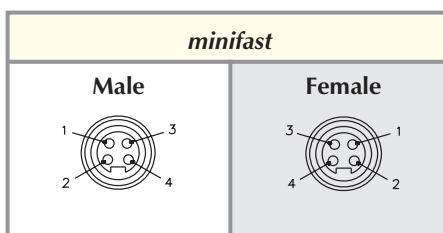
- Allows Quick and Easy Changes from Male to Female *minifast*® Connectors



Housing	Part Number	Specs	Application
	RSV RSV 48		Male <i>minifast</i> Gender Changer <ul style="list-style-type: none"> • Changes female cordset to male receptacle
	RKV RKV 48	TPU (Polyurethane) 250 V, 4 A -40° to +75°C	Female <i>minifast</i> Gender Changer <ul style="list-style-type: none"> • Changes female cordset to male receptacle
	WSV RKV 48		<i>minifast</i> Elbow <ul style="list-style-type: none"> • Right angle male to female connector

PROFIBUS-PA Media

Pinouts



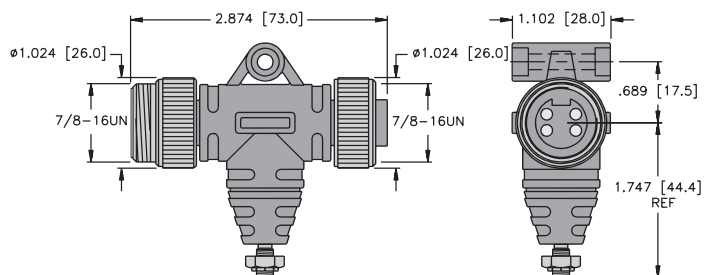
PROFIBUS®-PA, Surge Suppressor

- Protects Data Communication Lines (V+ and V-)
- Absorbs the Front End of the Transient, Responding in Less Than a Nanosecond
- Diverts the Surge Energy to Ground
- Automatically Resets and waits for Next Surge



Housing	Part Number	Specs	Application	Pinouts
See Drawing 1	RSV RKV 48 SS	<p>Electrical</p> <ul style="list-style-type: none"> • Maximum operating voltage: 27 Volts • Maximum operating current: 200 mA • Clamping Action Turn-on: 28.5 Volts • Maximum clamping at 2 kA: (8 x 20 Sec): 44 Volts • Maximum surge voltage: 20 kV • Maximum surge current: 2.5 kA • Current leakage/line at operating voltage: 5 A • Capacitance /line at operating voltage: 500 pF • Response time: Less than 1 nanosecond <p>Mechanical</p> <ul style="list-style-type: none"> • Ground Stud: 10-32 stainless steel • Operating temperature: -40° to +85°C 	Male and female <i>minifast</i> ®, 4-pin	<p>Male</p> <p>Female</p>

1



PROFIBUS®-PA, Field Wireable Tee

- A Hybrid Connection System Offering Reliable Connections on the Short Drops and Ease of Installation on the Long Trunk Runs
- Features Standard *minifast*® Connector for the Drop Connection and Terminal Connectors on the Trunk Connections



Housing Style	Part Number	Specs	Application	Pinout
See Drawing 1	SPTT1-A48	Anodized Aluminum 250 V, 4 A -40° to +75°C NEMA 1, 3, 4, 6P and IEC IP 68	(7/8-16UN) <i>minifast</i> connector for drop connection, and field wireable terminals on the trunk connections.	Female
See Drawing 2	SPTTM13-A48			

