

System Freelance 800F AC 700F: CPU Accessories

Data Sheet



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AC 700F : CPU Accessories

1. Lithium Battery TA521

Technical data	
Nominal voltage	3 V
Technology	Manganese Dioxide Lithium Button Cell, Non-Rechargeable
Nominal capacity	560 mAh
Temperature range	-20 °C...60 °C / -4 °F...140 °F
Pre-warning information	The CPU monitors the battery level and sends a warning message about 2 weeks before the battery charge becomes critical.
Battery lifetime	1.5 years
Self-discharge	2 % per year at 25 °C/ 77 °F 5 % per year at 40 °C/ 104 °F 20 % per year at 60 °C/ 140 °F
Protection against reverse polarity	yes, by mechanical coding of the plug
Insulation	The battery is completely insulated.
Connection	red = plus pole = above at plug, black = minus pole, for assembling see AC 700F Mounting and Installation Manual
Weight	7 g / 0.27 oz
Dimensions	Diameter of the button cell: 24.5 mm / 0.96 Inch. Thickness of the button cell: 5 mm / 0.2 Inch

AC 700F : CPU Accessories

2. Dummy Coupler Module TA 724F

Technical data	
Use	to protect the unused coupler slot from dust and touch
Mounting	Snap lock onto the TB 711F
Weight	50 g / 1.76 oz
Dimensions	35 mm x 28 mm x 62 mm / 5.31 inch x 1.10 inch x 2.44 inch



Figure: Dummy Coupler Module TA 724F

3. Programming Cable TK501

Technical data	
Purpose	To connect a 9-pole serial COM interface of a PC with the serial "DIAG" interface of a PM 783F CPU. It is use for programming and diagnostics purposes.
Connector at the PC (COM interface)	SUB-D, 9-pole, female
Connector at the PM 783F CPU ("DIAG")	SUB-D, 9-pole, male
Cable length	5 m / 16.4 ft.
Cable type	LiYCY 5 x 0.14 mm ² (~ 26 AWG), shielded
Weight	220 g / 7.76 oz

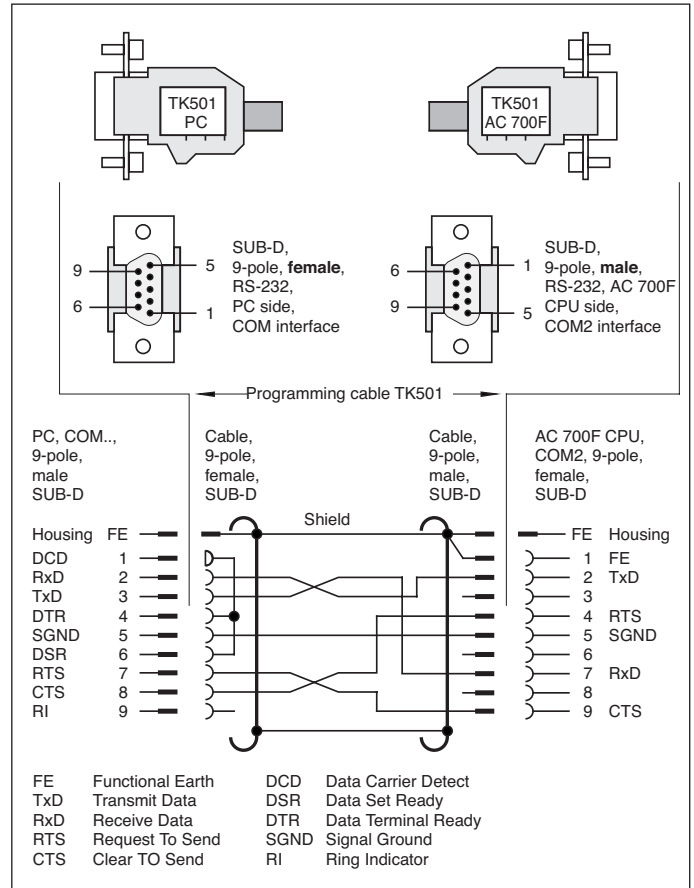


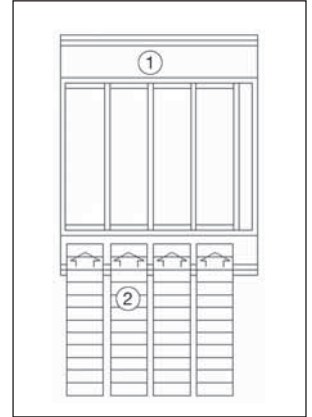
Figure: Programming cable TK501

AC 700F : I/O Modules Accessories

1. Pluggable Marking Holder TA523

Technical data	
Use	for labelling channels of I/O modules ¹
Mounting	snap-on to the module
Weight	20 g/ 0.71 oz
Dimensions	82 mm x 67 mm x 13 mm / 3.27 inch x 2.64 inch x 0.51 inch

¹ The marking slips can be printed by users separately using a MS-Word based template



- (1) Pluggable Marking Holder TA523
- (2) Marking stripes to be inserted into the holder

AC 700F : Common Accessories

1. Set of 10 white Plastic Markers TA525

Technical data	
Use	for labelling CPU and I/O modules in AC 700F
Mounting	insertion under a slight pressure
Disassembly	with a small screwdriver
Scope of delivery	10 pieces
Weight	1 g (0.04 oz) per piece
Dimensions	8 mm x 20 mm x 5 mm / 0.31 inch x 0.79 inch x 0.2 inch



2. Wall Mounting Accessory TA526

Technical data	
Use	with wall mounting of Terminal Bases and Terminal Units
Assembly	see Mounting and Installation Manual for AC 700F
Weight	5 g / 0.18 oz
Dimensions	67 mm x 35 mm x 5.5 mm / 2.64 inch x 1.38 inch x 0.22 inch

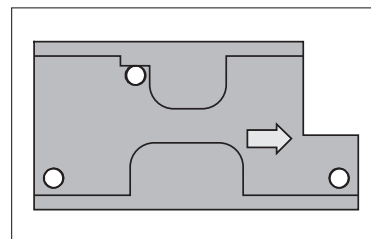


Figure: Wall mounting accessory TA526



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ABB
Process Automation Division
Mannheim, Germany
Phone: +49 (0) 1805 266776
Fax: +49 (0) 1805 776329
www.abb.de/controlsystems
e-mail: Marketing.Control-Products@de.abb.com

ABB
Process Automation Division
Wickliffe, Ohio, USA
Phone: +1 440 585 8500
Fax: +1 440 585 8756
www.abb.com/controlsystems
e-mail: industrialitsolutions@us.abb.com

ABB
Process Automation Division
Västerås, Sweden
Phone: +46 (0) 21 34 20 00
Fax: +46 (0) 21 13 78 45
www.abb.com/controlsystems
e-mail: processautomation@se.abb.com

ABB
Process Automation Division
Singapore
Phone: +65 6776 5711
Fax: +65 6778 0222
www.abb.com/controlsystems
e-mail: processautomation@sg.abb.com

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