



Connecting cable EC4P with MFD-CP4-CO and EC4E, 2m

**Part no.** EU4A-RJ45-CAB2  
**Catalog No.** 115387

**Delivery program**

Function			For connecting EC4P (RJ45) to MFD-CP4-CO or EC4E (terminal block)
For use with			EC4P EC4E MFD-CP4-CO

**Design verification as per IEC/EN 61439**

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	0
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Meets the product standard's requirements.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

**Technical data ETIM 7.0**

PLC's (EG000024) / PLC connection cable (EC000237)			
Electric engineering, automation, process control engineering / Control / Programmable logic control (SPS) / SPS cable connection (ecl@ss10.0.1-27-24-22-20 [AFR598003])			
Function			PLC - PC
Length		m	1.5
Suitable for input board PLC			Yes
Suitable for output card PLC			Yes

Suitable for digital signals		Yes
Suitable for analogue signals		Yes
Type of electrical connection, field-sided		Other
Type of electrical connection, box-sided		Connection plug board
Number of poles		8

## Approvals

North America Certification		Request filed for UL and CSA
Specially designed for North America		No
Current Limiting Circuit-Breaker		No

## Additional product information (links)

<b>Instruction leaflet "patch cord for EC4P" IL05009001Z (AWA2724-2491)</b>	
Instruction leaflet "patch cord for EC4P" IL05009001Z (AWA2724-2491)	<a href="https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL05009001Z2018_02.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL05009001Z2018_02.pdf</a>
<b>MN05003003Z Manual easyControl, programmable PLC EC4-200</b>	
MN05003003Z Handbuch easyControl, SPS EC4-200 - Deutsch	<a href="https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05003003Z_DE.pdf</a>
MN05003003Z Manual easyControl, programmable PLC EC4-200 - English	<a href="https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05003003Z_EN.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05003003Z_EN.pdf</a>
Product overview (WEB)	<a href="http://www.eaton.eu/ec4p">http://www.eaton.eu/ec4p</a>