



### Programming cable for XC100/200, EC4P, EU5C, 2m

**Part no.** EU4A-RJ45-USB-CAB1  
**Catalog No.** 115735

**EL-Nummer (Norway)** 4560805

## Delivery program

Description			USB
Description			Programming cable for XC, EC4P, EU5C-SWD-CAN, EU5C-SWD-DP, EU5C-SWD-EIP-MODTCP via USB port
Function			For transferring the user program to the PLC or for diagnosing SmartWire-DT networks
Length		m	2
For use with			EC4P XC100 XC200 XC121 easy800-SWD EU5C
For use with			EU5C, XC, EC4P via USB interface

## 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	-20
Operating ambient temperature max.		°C	45
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 (ecI@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			Connection plug board
Type of electrical connection, box-sided			Connection plug board
Number of poles			8

## Additional product information (links)

<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>