



**Programming cable easy800/MFD-CP8/CP10/ES4P, RS232, 2m**



**Part no.** EASY800-PC-CAB  
**Catalog No.** 256277

**EL-Nummer (Norway)** 0004520995

**Delivery program**

Description			SUB-D, 9 pole, serial
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Function			For downloading the user program from PC to device
Length		m	2
For use with			easy800 MFD-...-CP8 MFD-...-CP10 ES4P
For use with			MI4 driver EASY800

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

Technical data for design verification			
Operating ambient temperature min.		°C	-25
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 Verification of thermal stability of enclosures			
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			
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			
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			
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			
10.3 Degree of protection of ASSEMBLIES			Meets the product standard's requirements.
10.4 Clearances and creepage distances			
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			
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			
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			
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			
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			
10.11 Short-circuit rating			Is the panel builder's responsibility.
10.12 Electromagnetic compatibility			
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function			
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) / Accessories for controls (EC002584)			
Electric engineering, automation, process control engineering / Control / Programmable logic control (SPS) / Programmable logic control (SPS, accessories) (ecl@ss10.0.1-27-24-22-92 [AFR333003])			
Type of electrical accessory			Connecting cable
Type of mechanical accessory			Other

## Approvals

Product Standards		IEC/EN see Technical Data; UL 508; CSA C22.2 No. 142-M1987; CSA C22.2 No. 213-M1987; CE marking
UL File No.		E135462
UL Category Control No.		NRAQ
CSA File No.		012528
CSA Class No.		2258-02
North America Certification		UL listed, CSA certified

## Additional product information (links)

<b>Instruction leaflet "easy control relays" IL05013012Z (AWA2528-1979)</b>	
Instruction leaflet "easy control relays" IL05013012Z (AWA2528-1979)	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2010_11.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2010_11.pdf</a>
Instruction leaflet "easy control relays" IL05013012Z (AWA2528-1979)	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2018_02.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2018_02.pdf</a>
<b>Manual "easy800 control relays" MN04902001Z (AWB2528-1423)</b>	
Handbuch „Steuerrelais easy800“ MN04902001Z (AWB2528-1423) - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf</a>
Manual "easy800 control relays" MN04902001Z (AWB2528-1423) - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf</a>
<b>Manual "MFD-Titan multi-function display" MN05002001Z (AWB2528-1480)</b>	
Handbuch „Multifunktions-Display MFD-Titan“ MN05002001Z (AWB2528-1480) - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf</a>
Manual "MFD-Titan multi-function display" MN05002001Z (AWB2528-1480) - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf</a>