

DATASHEET - EASY-BOX-E4-UC1



Starter package consisting of EASY-E4-UC-12RC1, patch cable and software license for easySoft

Part no. EASY-BOX-E4-UC1  
197227

General specifications		
Product name		Eaton Moeller® series EASY Starter kit
Part no.		EASY-BOX-E4-UC1
EAN		4015081939398
Product Length/Depth		200 millimetre
Product height		135 millimetre
Product width		255 millimetre
Product weight		0.6 kilogram
Compliances		Eaton supports the product until its end of life
Certifications		IEC/EN 61000-4 IEC 60068-2-6 EN 55022 IEC/EN 61000-4-2 IEC 60068-2-27 EN 55011
Product Tradename		EASY
Product Type		Starter kit
Product Sub Type		None
Catalog Notes		depending on ambient air temperature fluctuations of up to ± 5 s/day (± 0.5 h/year) are possible
Features & Functions		
Fitted with:		Programming software Software preinstalled Control unit Connection cable Basic device
General information		
Insulation resistance		According to EN 50178
Mounting method		Screw fixing using fixing brackets ZB4-101-GF1 (accessories) Top-hat rail fixing (according to IEC/EN 60715, 35 mm)
Overvoltage category		III
Pollution degree		2
Type		Starter kit
Ambient conditions, mechanical		
Drop and topple		50 mm Drop height, Drop to IEC/EN 60068-2-31
Mounting position		Vertical Horizontal
Shock resistance		15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 18 Impacts
Climatic environmental conditions		
Air pressure		795 - 1080 hPa (operation)
Environmental conditions		Condensation: prevent with appropriate measures Clearance in air and creepage distances according to EN 50178, UL 508, CSA C22.2, No. 142
Relative humidity		5 - 95 % (IEC 60068-2-30, IEC 60068-2-78)
Electro magnetic compatibility		
Air discharge		8 kV
Contact discharge		6 kV
Immunity to line-conducted interference		10 V (according to IEC/EN 61000-4-6)
Design verification		
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

Programmable logic controllers PLC (EG000024) / PLC device set (EC002581)			
Electric engineering, automation, process control engineering / Control, Process Control System (PCS) / Programmable logic control (SPS) / PLC device set (ecl@ss13-27-24-22-19 [BAA707018])			
Contains function building blocks			No
Contains basic device			Yes
Contains module rack			No
Contains power supply			No
Contains analogue input module			No
Contains analogue output module			No
Contains digital input module			No
Contains digital output module			No
Contains function module			No
Contains technology module			No
Contains communication module			No
Contains memory unit			No
Contains simulation module			No
Contains connection cable			Yes
Contains control unit			Yes
Contains monitor			No
Contains programming software			Yes
Contains engineering software			No
Contains visualization			No
Contains libraries			No
Contains documentation			No
Contains other components			No
Software preinstalled			Yes