

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



Part no. **EASY-BOX-E4-AC1**
197229

General specifications	
Product name	Eaton Moeller® series EASY Starter kit
Part no.	EASY-BOX-E4-AC1
EAN	4015080892908
Product Length/Depth	200 millimetre
Product height	135 millimetre
Product width	255 millimetre
Product weight	0.6 kilogram
Certifications	IEC 60068-2-27 EN 55011 EN 55022 IEC 60068-2-6 IEC/EN 61000-4 IEC/EN 61000-4-2
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:	Basic device Connection cable Control unit Software preinstalled Programming software
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	Clearance in air and creepage distances according to EN 50178, UL 508, CSA C22.2, No. 142 Condensation: prevent with appropriate measures
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