



Bundle consisting of EASY-E4-UC-12RC1 and EASY-COM-SWD-C1

Part no. **EASY-BOX-E4-UC-SWD1**  
**199507**

<b>General specifications</b>	
Product name	Eaton Moeller® series EASY Starter kit
Part no.	EASY-BOX-E4-UC-SWD1
EAN	4015081980086
Product Length/Depth	200 millimetre
Product height	135 millimetre
Product width	255 millimetre
Product weight	0.6 kilogram
Certifications	IEC 60068-2-6 IEC 60068-2-27 IEC/EN 61000-6-2 IEC/EN 61131-2 IEC/EN 61000-6-3 EN 61010 IEC/EN 61000-4-2 EN 50178 IEC 60068-2-30
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
<b>Features &amp; Functions</b>	
Fitted with:	Connection cable Documentation Power supply
<b>General information</b>	
Degree of protection	IP20
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
Product category	Control relays easyE4
Type	Starter kit
<b>Ambient conditions, mechanical</b>	
Drop and topple	50 mm Drop height, Drop to IEC/EN 60068-2-31
Height of fall (IEC/EN 60068-2-32) - max	1 m
Mounting position	Horizontal Vertical
Shock resistance	15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 18 Impacts
<b>Climatic environmental conditions</b>	
Air pressure	795 - 1080 hPa (operation)
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
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)
<b>Electro magnetic compatibility</b>	
Air discharge	8 kV
Contact discharge	6 kV, Electrostatic discharge (ESD)
Immunity to line-conducted interference	10 V (according to IEC/EN 61000-4-6)

<b>Terminal capacities</b>		
Terminal capacity (flexible with ferrule)		0.2/2.5 mm <sup>2</sup>
Terminal capacity (flexible with ferrule AWG)		22 - 12
Terminal capacity (solid)		0.2/4 mm <sup>2</sup>
Terminal capacity (solid AWG)		22 - 12
<b>Electrical rating</b>		
Rated operational voltage		12/24 V DC (-15 %/+20 % - power supply) 24 V AC (-15 %/+10 % - power supply)
<b>Input/Output</b>		
Accuracy		± 2 s/day, Real-time clock to inputs (± 0.2 h/Year)
<b>Design verification</b>		
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		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.
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
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		No
Contains module rack		No
Contains power supply		Yes
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		No
Contains monitor		No
Contains programming software		No
Contains engineering software		No
Contains visualization		No
Contains libraries		No
Contains documentation		Yes
Contains other components		No
Software preinstalled		No