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**
Catalog No.	**197227**

Delivery program

Product range		Control relays easyE4
Basic function		Starter kit
Included devices		
Y7-197211 EASY-E4-UC-12RC1 Y7-197226 EASYSOFT-SWLIC		easyE4 base unit Software license Patch cable
Supply voltage		12/24 V DC 24 V AC
Software		EASYSOFT-SWLIC/easySoft 7

Design verification as per IEC/EN 61439

Technical data for design verification			
Static heat dissipation, non-current-dependent	P_{vs}	W	3
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.
10.2.3.1 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 8.0

Programmable logic controllers PLC (EG000024) / PLC device set (EC002581)		
Electric engineering, automation, process control engineering / Control / Programmable logic control (SPS) / PLC device set (ecl@ss10.0.1-27-24-22-19 [BAA707013])		
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

Approvals

Degree of Protection		IEC: IP20, UL/CSA Type: -

Dimensions

Additional product information (links)

assembly instructions easyE4 IL050020ZU	
assembly instructions easyE4 IL050020ZU	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL050020ZU.pdf
easyE4 (MN050009) manual	
easyE4 – Handbuch (MN050009) - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN050009_DE.pdf
easyE4 (MN050009) manual - English	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN050009_EN.pdf
manuel easyE4 (MN050009) - français	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN050009_FR.pdf
Manuale easy E4 (MN050009) - italiano	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN050009_IT.pdf
instrukcja easyE4 (MN050009) - polski	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN050009_PL.pdf
Product overview (WEB)	http://www.eaton.eu/easyE4