

Starter package consisting of EASY-E4-DC-12TC1, patch cable and software license for easySoft

Part no. EASY-BOX-E4-DC1
Catalog No. 197228

Delivery program

Product range		Control relays easyE4
Basic function		Starter kit
Included devices		
Y7-197213 EASY-E4-DC-12TC1 Y7-197226 EASYSOFT-SWLIC		easyE4 base unit Software license Patch cable
Supply voltage		24 V DC
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	2
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