

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 | easyE4 base unit | |
| Y7-197226 EASYSOFT-SWLIC | 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 | P _{vs} | W | 2 |
|--|-----------------|----|--|
| Static heat dissipation, non-current-dependent | | °C | -25 |
| Operating ambient temperature min. | | °C | 55 |
| 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

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| 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 |