DATASHEET - RTD-BOX-E4-DC1

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

Part no.	**RTD-BOX-E4-DC1**
Catalog No.	**199786**

Delivery program

Product range		Control relays easyE4
Basic function		Starter kit
Included devices		
Y7-197213 EASY-E4-DC-12TC1 Y7-199740 EASY-RTD-DC-43-03B1-00 Y7-197226 EASYSOFT-SWLIC		easyE4 base unit Remote Touchdisplay 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	11.5
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	50
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 to enclosures without lifting aids.
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 7.0

PLC's (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		
Contains basic device		

Contains module rack		
Contains power supply		
Contains analogue input module		
Contains analogue output module		
Contains digital input module		
Contains digital output module		
Contains function module		
Contains technology module		
Contains communication module		
Contains memory unit		
Contains simulation module		
Contains connection cable		
Contains control unit		
Contains monitor		
Contains programming software		
Contains engineering software		
Contains visualization		
Contains libraries		
Contains documentation		
Contains other components		
Software preinstalled		

Approvals

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

Additional product information (links)

f1=1454&f2=1174&f3=1755;Download Software easySoft V7	http://applications.eaton.eu/sdlc?LX=11&amp
Product overview (WEB)	http://www.eaton.eu/easyE4

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