



Input and output simulator for easy500 +plug-in power supply unit for North America

Part no. **EASY412-DC-SIM-NA**
Article no. **222566**



Delivery programme

Product range		Control relays easyRelay
For use with		easy500
Supply voltage		24 V DC

Design verification as per IEC/EN 61439

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.

Approvals

shipping classification		DNV GL
		 

Additional product information (links)

IL05013005Z (AWA2528-1738) I/O simulator

IL05013005Z (AWA2528-1738) I/O simulator

AWB2528-1304 EASY412, EASY600 Control Relay

AWB2528-1304 Steuerrelais easy412, easy600 - Deutsch

AWB2528-1304 EASY412, EASY600 Control Relay - English

AWB2528-1304 EASY412, EASY600 Modules logiques - français

AWB2528-1304 EASY412, EASY600 Control Relay - español

AWB2528-1304 Stuurrelais easy412, easy600 - Nederlands

MN05013003Z (AWB2528-1508) easy500, easy700 control relay

MN05013003Z (AWB2528-1508) Steuerrelais easy500, easy700 - Deutsch

MN05013003Z (AWB2528-1508) easy500, easy700 control relay - English