



Input/output simulator for easy500-DC devices with plug-in power supply unit

Part no. EASY412-DC-SIM
Catalog No. 212318

Delivery program

Product range		Control relay easyRelay
For use with		easy500-DC
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.

Additional product information (links)

Instruction leaflet "Input/output simulator" IL05013005Z (AWA2528-1738)	
Instruction leaflet "Input/output simulator" IL05013005Z (AWA2528-1738)	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013005Z2018_02.pdf
Manual "easy412, easy600 control relays" AWB2528-1304	
Handbuch „Steuerrelais easy412, easy600“ AWB2528-1304 - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/h1304d.pdf
Manual "easy412, easy600 control relays" AWB2528-1304 - English	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/h1304g.pdf
Manuel d'utilisation Modules logiques easy412, easy600 AWB2528-1304 - français	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/h1304f.pdf

Handboek Stuurrelais easy412, easy600 AWB2528-1304 - Nederlands	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/h1304n.pdf
Manual easy500, easy700 control relays MN05013003Z	
Handbuch Steuerrelais easy500, easy700 MN05013003Z - Deutsch	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf
Manual easy500, easy700 control relays MN05013003Z - English	https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf