



**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.

### Assets (links)

**Declaration of CE Conformity**

00003105

**Instruction Leaflets**

IL05013005Z2018\_02

**Manuals**

- h1304d (German)
- h1304e (Spanish)
- h1304f (French)
- h1304g (English)
- h1304n (Dutch)
- MN05013003Z\_DE (German)

## Additional product information (links)

### Instruction leaflet "Input/output simulator" IL05013005Z (AWA2528-1738)

Instruction leaflet "Input/output simulator" IL05013005Z (AWA2528-1738)	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013005Z2018_02.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013005Z2018_02.pdf</a>
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### Manual "easy412, easy600 control relays" AWB2528-1304

Handbuch „Steuerrelais easy412, easy600“ AWB2528-1304 - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304d.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304d.pdf</a>
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Manual "easy412, easy600 control relays" AWB2528-1304 - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304g.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304g.pdf</a>
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Manuel d'utilisation Modules logiques easy412, easy600 AWB2528-1304 - français	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304f.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304f.pdf</a>
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Handboek Stuurrelais easy412, easy600 AWB2528-1304 - Nederlands	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304n.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/h1304n.pdf</a>
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### Manual easy500, easy700 control relays MN05013003Z

Handbuch Steuerrelais easy500, easy700 MN05013003Z - Deutsch	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_DE.pdf</a>
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Manual easy500, easy700 control relays MN05013003Z - English	<a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013003Z_EN.pdf</a>
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