



Manual for easySafety ES4P safety control relay

Part no. **MN05013001Z-IT**  
 Catalog No. **121079**

**Delivery program**

|              |  |                 |
|--------------|--|-----------------|
| For use with |  | easySafety ES4P |
| Language     |  | Italian         |

**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.                         |

**Technical data ETIM 5.0**

|   |  |     |
|---|--|-----|
| Low-voltage industrial components (EG000017) / Documentation (EC001045)   |  |     |
| General service / Operating support service / Management (facility), object administration / Technical documentation (facility) (ecl@ss8-25-30-01-10 [AKG136009]) |  |     |
| Instruction manual  |  | Yes |
| Connecting diagram  |  | Yes |
| Option list   |  | No  |
| Supporting document   |  | No  |
| Operation manual  |  | Yes |
| Databank  |  | No  |
| Documentation   |  | Yes |
| Spare parts list  |  | No  |
| Flyer   |  | No  |
| Operating instructions  |  | Yes |
| Manual  |  | Yes |
| Catalogue   |  | No  |

|                     |  |    |
|---------------------|--|----|
| Panorama, summary   |  | No |
| Price list          |  | No |
| Repair manual       |  | No |
| Circuit diagram     |  | No |
| Service manual      |  | No |
| Software            |  | No |
| Other documentation |  | No |

## Characteristics

PU05907001Z safety manual

## Assets (links)

### Manuals

MN05013001Z\_DE (German)  
 MN05013001Z\_EN (English)  
 MN05013001Z\_FR (French)  
 MN05013001Z\_IT (Italian)

## Additional product information (links)

### Manual "easySafety ES4P control relays suitable for safety applications" MN05013001Z

|  |   |
|--|---|
| Handbuch „Für Sicherheitsanwendungen geeignete Steuerrelais easySafety ES4P“ MN05013001Z - Deutsch | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_DE.pdf</a> |
| Manual "easySafety ES4P control relays suitable for safety applications" MN05013001Z - English     | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_EN.pdf</a> |
| Manuel d'utilisation Module logique de sécurité easySafety ES4P MN05013001Z - français             | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_FR.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_FR.pdf</a> |
| Manuale relè di comando relativo alla sicurezza easySafety ES4P MN05013001Z - italiano             | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_IT.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013001Z_IT.pdf</a> |
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