



Bus connector plug control relay and I/O expansion device/bus module



Part no. EASY-LINK-DS
Catalog No. 221607

EL-Nummer (Norway) 4519719

Delivery program

| | | |
|---|--|---|
| Description | | Replacement parts pack, 3 connecting plugs between base and expansion unit/bus module as well as 3 covers |
| For use with | | easy700/800/MFD.-CP8/CP10/EC4P |
| Information relevant for export to North America | | |
| UL/CSA certification not required | | |

Design verification as per IEC/EN 61439

| Technical data for design verification | | | |
|--|------------|----|--|
| Rated operational current for specified heat dissipation | I_n | A | 0 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0.1 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |
| 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 7.0

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|---|------|
| PLC's (EG000024) / Accessories for controls (EC002584) | |
| Electric engineering, automation, process control engineering / Control / Programmable logic control (SPS) / Programmable logic control (SPS, accessories) (ecl@ss10.0.1-27-24-22-92 [AFR333003]) | |
| Type of electrical accessory | Plug |

| | |
|------------------------------|-------|
| Type of mechanical accessory | Other |
|------------------------------|-------|

Approvals

| | |
|-----------------------------|-----------------------------------|
| North America Certification | UL/CSA certification not required |
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Assets (links)

Instruction Leaflets

IL05013012Z2018_02

Manuals

MN04902001Z_EN (English)

MN05002001Z_EN (English)

Additional product information (links)

| | |
|--|---|
| instruction leaflet for easyRelay800 IL05013012Z control relay (AWA2528-1979) | |
| instruction leaflet for easyRelay800 IL05013012Z control relay (AWA2528-1979) | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2010_11.pdf |
| instruction leaflet for easyRelay800 IL05013012Z control relay (AWA2528-1979) | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013012Z2018_02.pdf |
| instruction leaflet for multi-function display, MFD-Titan IL05013014Z (AWA2528) | |
| instruction leaflet for multi-function display, MFD-Titan IL05013014Z (AWA2528) | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013014Z2018_02.pdf |
| instruction leaflet for easyRelay500-700 IL05013015Z control relay (AWA2528-2105) | |
| instruction leaflet for easyRelay500-700 IL05013015Z control relay (AWA2528-2105) | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05013015Z2018_02.pdf |
| Manual "easy800 control relays" MN04902001Z (AWB2528-1423) | |
| Handbuch „Steuerrelais easy800“ MN04902001Z (AWB2528-1423) - Deutsch | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_DE.pdf |
| Manual "easy800 control relays" MN04902001Z (AWB2528-1423) - English | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN04902001Z_EN.pdf |
| Manual "MFD-Titan multi-function display" MN05002001Z (AWB2528-1480) | |
| Handbuch „Multifunktions-Display MFD-Titan“ MN05002001Z (AWB2528-1480) - Deutsch | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_DE.pdf |
| Manual "MFD-Titan multi-function display" MN05002001Z (AWB2528-1480) - English | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002001Z_EN.pdf |