# DATASHEET - NZM2-XSVR

**Control circuit plug unit for remote operator**

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| **Part no.** | **NZM2-XSVR** |
| **Catalog No.** | **266706** |
| **EL-Nummer (Norway)** | **4359025** |

## Delivery program

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| Product range | Accessories |
| Accessories | Auxiliary conductor plug device for plug technology |
| Standard/Approval | IEC |
| Installation type | Plug-in units |
| Construction size | NZM2(-4), N2(-4), NZM3(-4), N3(-4), NZM4(-4), N4(-4) |
| Description | Auxiliary conductor plug connector for use with plug-in units NZM…-SVE and plug-in socket NZM…-XSVS to disconnect the cables of the remote actuator |
| Number of poles | 3/4 pole |
| Standard equipment | Screw connection |

## Technical data

### General

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| Standards | | IEC/EN 60947 |
| Protection against direct contact | | Finger and back-of-hand proof to VDE 0106 part 100 |
| Climatic proofing | | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| Ambient temperature | | |
| Ambient temperature, storage | °C | - 40 - + 70 |
| Operation | °C | -25 - +70 |
| Mechanical shock resistance (10 ms half-sinusoidal shock) according to IEC 60068-2-27 | g | 20 (half-sinusoidal shock 20 ms) |
| Safe isolation to EN 61140 | | |
| between the auxiliary contacts | V AC | 300 |
| Mounting position | | As required |
| Direction of incoming supply | | as required |

## Design verification as per IEC/EN 61439

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| Technical data for design verification | | |
| Operating ambient temperature min. | °C | -25 |
| Operating ambient temperature max. | °C | 70 |
| 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 | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | Meets the product standard's requirements. |

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| 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. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 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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| Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013]) | | |
| Type of accessory | | Auxiliary conductor plug and socket device |