

Insulating surround, size 2

Part no. NZM2-XBR
Catalog No. 260197

EL-Nummer 4358784
(Norway)

Delivery program

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| Product range | | Accessories |
| Accessories | | Insulating surrounds |
| Standard/Approval | | UL/CSA, IEC |
| Construction size | | NZM2 |
| Description | | For toggle levers, rotary handles with rotary drive and remote operators |
| Protection class | | IP40 |
| For use with | | NZM2(-4) PN2(-4), N(S)2(-4) |
| Notes For oblong cut-out on doors and enclosures with material thicknesses of 1.5 - 5 mm. External warning plate/designation label can be clipped on NZM4-XBR cannot be combined with rotary handle with rotary drive. | | |

Design verification as per IEC/EN 61439

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| 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. |
| 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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| Distribution boards (EG000023) / Cover for distribution board (EC000775) | | |
| Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Cover for distribution board (ecI@ss10.0.1-27-14-24-14 [ACN397011]) | | |
| Height | mm | 132 |

| | | | |
|---------------------------|--|----|---------|
| Width | | mm | 158.5 |
| Depth | | mm | 17.5 |
| Number of rows | | | 0 |
| Material | | | Plastic |
| Hinging | | | No |
| Quick locking | | | No |
| Degree of protection (IP) | | | IP40 |
| Colour | | | Black |
| Transparent | | | No |