

Insulated enclosure, HxWxD=200x120x125mm, +mounting plate



**Part no.** CI-K3-125-M  
**206895**  
**EL Number** 4138008  
**(Norway)**

| General specifications            |  |  |
|-----------------------------------|--|--|
| Product name                      |  | Eaton Moeller® series CI-K Insulated enclosure   |
| Part no.                          |  | CI-K3-125-M  |
| EAN                               |  | 4015082068950  |
| Product Length/Depth              |  | 222 millimetre   |
| Product height                    |  | 125 millimetre   |
| Product width                     |  | 120 millimetre   |
| Product weight                    |  | 0.43 kilogram  |
| Certifications                    |  | UL94: VO/1.5 mm thickness<br>UL94: HB<br>IEC 60068-2-11<br>IEC/EN 60529<br>DIN EN 62208  |
| Product Tradename                 |  | CI-K   |
| Product Type                      |  | Insulated enclosure  |
| Product Sub Type                  |  | None   |
| Catalog Notes                     |  | Lamp indicator L... can be mounted in base knock-out M20/M25   |
| Features & Functions              |  |  |
| Enclosure color                   |  | Black (RAL 9005)<br>Light gray, Cover (RAL 7035)<br>Light gray, Operator (RAL 7035)  |
| Enclosure material                |  | 1 Ω x 10 <sup>13</sup> (Surface resistance to IEC 60093)<br>Plastic  |
| Features                          |  | UV resistance beneath protective shield<br>Halogen free  |
| Fitted with:                      |  | Mounting plate<br>Control cable entry  |
| Knockouts                         |  | Metric cable entry knockouts at the top, bottom and back plate<br>Hard knockout version  |
| General information               |  |  |
| Cover material                    |  | Glass-fiber reinforced polycarbonate   |
| Degree of protection              |  | IP65<br>NEMA Other   |
| Degree of protection (front side) |  | IP65   |
| Dielectric strength               |  | 30 kV/mm, according to IEC 60243-1   |
| Flammability characteristics      |  | 650 °C/1 mm thick (push-through membrane) to VDE 0471 Part 2)<br>960 °C/1 mm thickness (base, cover; glow wire to VDE 0471 Part 2)   |
| Model                             |  | Surface mounting   |
| Mounting depth                    |  | 98 mm  |
| Mounting weight capacity - max    |  | 0.85 kg  |
| Product category                  |  | Empty enclosures   |
| Suitable for                      |  | Emergency stop   |
| Surface treatment                 |  | Resistant to corrosion   |
| Track resistance                  |  | CTI 175 (base, to IEC 60112)<br>CTI 175 (cover, to IEC 60112)  |
| Type                              |  | Basic enclosure  |
| Water consumption                 |  | 0.29 % (According to DIN EN ISO 62)  |
| Ambient conditions, mechanical    |  |  |
| Environmental resistance          |  | Resistant against benzene<br>Chemical resistant (Base, Cover)<br>Partly resistant to acids (> 10%)<br>Resistant against mineral oil<br>Resistant against alkalis<br>Resistant against alcohol<br>Resistant against acids (< 10%)<br>Not resistant to Mineral oil |

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|  |  | Partly resistant to greases<br>Resistant against gasoline<br>Resistant against salt solutions<br>Not resistant to benzene<br>Partly resistant to benzene<br>Chemical resistant (Push-through membrane (CI-K1/CI-K2) and sealing material)<br>Partly resistant to alcohol<br>Resistant against greases<br>Not resistant to alkalis |
| Impact resistance  |  | IK06 (according to EN 50102)  |
| Temperature resistance   |  | -40 - 120 °C (enclosure)<br>-40 - 80 °C (gasket)  |
| <b>Climatic environmental conditions</b>   |  |   |
| Ambient operating temperature - min  |  | -25 °C  |
| Ambient operating temperature - max  |  | 70 °C   |
| Climatic proofing  |  | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30  |
| <b>Design verification</b>   |  |   |
| Equipment heat dissipation, current-dependent P <sub>vid</sub>                   |  | 0 W   |
| Heat dissipation capacity P <sub>diss</sub>                                      |  | 21.5 W  |
| Heat dissipation per pole, current-dependent P <sub>vid</sub>                    |  | 0 W   |
| Rated operational current for specified heat dissipation (I <sub>n</sub> )       |  | 0 A   |
| Static heat dissipation, non-current-dependent P <sub>vs</sub>                   |  | 0 W   |
| Radiated heat dissipation with separate mounting                                 |  | 21.5 W (at an ambient temperature of 20 °C)   |
| 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 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  | Meets the product standard's requirements.  |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  | Please enquire  |
| 10.2.5 Lifting   |  | Not applicable.   |
| 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.  |
| 10.9.2 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                         |  | Meets the product standard's requirements.  |
| 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 9.0

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| Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)   |    |  |                  |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss13-27-37-13-01 [AKN343019]) |    |  |                  |
| Housing material   |    |  | Plastic          |
| Width  | mm |  | 120              |
| Height   | mm |  | 125              |
| Depth  | mm |  | 222              |
| With transparent cover   |    |  | No               |
| Suitable for emergency stop  |    |  | Yes              |
| Model  |    |  | Surface mounting |

|                             |  |  |       |
|-----------------------------|--|--|-------|
| Degree of protection (IP)   |  |  | IP65  |
| Degree of protection (NEMA) |  |  | Other |