



DIN cable, 1.5m

Part no. **EMA69B**  
 Catalog No. **144558**  
 Eaton Catalog No. **EMA69B**  
 EL-Nummer **4137520**  
 (Norway)

### Delivery program

|              |  |   |                                    |
|--------------|--|---|------------------------------------|
| Accessories  |  |   | Mounting frame                     |
| Description  |  |   | with connection cable RJ11, 6 pole |
| For use with |  |   | EMA91                              |
| Length       |  | m | 1.5                                |

### Design verification as per IEC/EN 61439

|  |  |    |  |
|--|--|----|--|
| Technical data for design verification   |  |    |  |
| Operating ambient temperature min.   |  | °C | -30  |
| Operating ambient temperature max.   |  | °C | 50   |
| 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

|  |  |  |       |
|--|--|--|-------|
| Low-voltage industrial components (EG000017) / Accessories for electronic motor control and protection device (EC002615)   |  |  |       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Electronic motor control and motor protection device / Electronic motor control and motor protection unit (accessories) (ecl@ss10.0.1-27-37-08-92 [AC0035011]) |  |  |       |
| Type of accessory  |  |  | Other |

### Approvals

|                         |  |  |  |
|-------------------------|--|--|--|
| Product Standards       |  |  | IEC/EN 60947-4-2; UL 508; CSA C22.2 No. 14; CE marking |
| UL File No.             |  |  | E202571  |
| UL Category Control No. |  |  | NMFT2  |

|                             |  |                          |
|-----------------------------|--|--------------------------|
| CSA File No.                |  | LR 353                   |
| CSA Class No.               |  | 3211-06                  |
| North America Certification |  | UL listed, CSA certified |