



Kit, motor starter, for DILM40-M65 and PKZM4

Part no. PKZM4-XM65DE
Catalog No. 101056
Alternate Catalog No. XTPAXECMD
EL-Nummer (Norway) 4315162

Delivery program

| | | |
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| Product range | | Accessories |
| Accessories | | Electric contact module |
| For use with | | PKZM4, PKE65 + DILM40 PKZM4, PKE65 + DILM50 PKZM4, PKE65 + DILM65 |
| Notes <ul style="list-style-type: none"> Main current wiring between PKZM4, PKE65 and contactor | | |

Design verification as per IEC/EN 61439

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|--|------------|----|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 65 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0.2 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0.6 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0 |
| 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 | | | 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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| Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24 [ACN957011]) | | | |
| Suitable for number of poles | | | 3 |
| Model | | | Other |

Approvals

| | | | |
|--------------------------------------|--|--|--|
| Product Standards | | | UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking |
| UL File No. | | | E36332 |
| UL Category Control No. | | | NLRV |
| CSA File No. | | | 165628 |
| CSA Class No. | | | 3211-05 |
| North America Certification | | | UL listed, CSA certified |
| Specially designed for North America | | | No |

Additional product information (links)

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| IL03402016Z (AWA1210-2325) electrical Spacer for Motor protection switch PKZ | |
| IL03402016Z (AWA1210-2325) electrical Spacer for Motor protection switch PKZ | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402016Z2018_06.pdf |
| Motor starters and "Special Purpose Ratings" for the North American market | http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf |
| Busbar Component Adapters for modern Industrial control panels | http://www.moeller.net/binary/ver_techpapers/ver960en.pdf |