



**Replacement coil, RA 110: 48 - 110 V 40-60 Hz/48 - 110 V DC, AC operation,
For use with: DILM300, DILM400, DILM500**

**Part no. DILM500-XSP/E(RA110)
Catalog No. 208255
Alternate Catalog No. XTCERENCOILMY**

Delivery program

| | | |
|-------------------|--|---|
| Actuating voltage | | RA 110: 48 - 110 V 40-60 Hz/48 - 110 V DC |
| Voltage AC/DC | | AC and DC operation |
| For use with | | DILM300 DILM400 DILM500 |

Design verification as per IEC/EN 61439

| | | |
|--|----|-----|
| Technical data for design verification | | |
| Operating ambient temperature min. | °C | -40 |
| Operating ambient temperature max. | °C | 60 |

Technical data ETIM 7.0

| | | |
|--|---|----------|
| Low-voltage industrial components (EG000017) / Coil for relay (EC001043) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Reel for contactor (ecl@ss10.0.1-27-37-10-12 [AKF021013]) | | |
| Rated control supply voltage Us at AC 50HZ | V | 48 - 110 |
| Rated control supply voltage Us at AC 60HZ | V | 48 - 110 |
| Rated control supply voltage Us at DC | V | 48 - 110 |
| Voltage type for actuating | | AC/DC |

Approvals

| | | |
|--------------------------------------|--|---|
| Product Standards | | IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking |
| UL File No. | | E29096 |
| UL Category Control No. | | NLDX |
| CSA File No. | | 012528 |
| CSA Class No. | | 3211-04 |
| North America Certification | | UL listed, CSA certified |
| Specially designed for North America | | No |

Assets (links)

Declaration of CE Conformity

00003250

Instruction Leaflets

IL03406002Z2018_05

Additional product information (links)

| | |
|--|---|
| IL03406002Z (AWA2100-1639) Contactors >170 A | |
| IL03406002Z (AWA2100-1639) Contactors >170 A | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03406002Z2018_05.pdf |
| IL03407194Z (AWA2100-1897) Contactor coil | |
| IL03407194Z (AWA2100-1897) Contactor coil | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407194Z2018_05.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 |
| Switchgear of Power Factor Correction Systems | http://www.moeller.net/binary/ver_techpapers/ver934en.pdf |
| X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely | http://www.moeller.net/binary/ver_techpapers/ver938en.pdf |
| Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions | http://www.moeller.net/binary/ver_techpapers/ver944en.pdf |

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| Effect of the Cable Capacitance of Long Control Cables on the Actuation of Contactors | http://www.moeller.net/binary/ver_techpapers/ver949en.pdf |
| Switchgear for Luminaires | http://www.moeller.net/binary/ver_techpapers/ver955en.pdf |
| Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts | http://www.moeller.net/binary/ver_techpapers/ver956en.pdf |
| The Interaction of Contactors with PLCs | http://www.moeller.net/binary/ver_techpapers/ver957en.pdf |
| Busbar Component Adapters for modern Industrial control panels | http://www.moeller.net/binary/ver_techpapers/ver960en.pdf |