



**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<br>DILM400<br>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)

|  |   |
|--|---|
| <b>IL03406002Z (AWA2100-1639) Contactors &gt;170 A</b>                                       |   |
| IL03406002Z (AWA2100-1639) Contactors >170 A   | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03406002Z2018_05.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03406002Z2018_05.pdf</a>   |
| <b>IL03407194Z (AWA2100-1897) Contactor coil</b>   |   |
| IL03407194Z (AWA2100-1897) Contactor coil  | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407194Z2018_05.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407194Z2018_05.pdf</a>   |
| Motor starters and "Special Purpose Ratings" for the North American market                   | <a href="http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf">http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf</a> |
| Switchgear of Power Factor Correction Systems  | <a href="http://www.moeller.net/binary/ver_techpapers/ver934en.pdf">http://www.moeller.net/binary/ver_techpapers/ver934en.pdf</a>   |
| X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely               | <a href="http://www.moeller.net/binary/ver_techpapers/ver938en.pdf">http://www.moeller.net/binary/ver_techpapers/ver938en.pdf</a>   |
| Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions | <a href="http://www.moeller.net/binary/ver_techpapers/ver944en.pdf">http://www.moeller.net/binary/ver_techpapers/ver944en.pdf</a>   |

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