



Replacement coil, RAC 500: 250 - 500 V 40-60 Hz/DC on request, For use with: DILM580, DILM650, DILM750, DILM820, DILM1000

Part no. **DILM1000-XSP/E(RAC500)**  
 Catalog No. **289147**  
 Alternate Catalog No. **XTCERENCOILNC**

### Delivery program

|                   |  |  |  |
|-------------------|--|--|--|
| Actuating voltage |  |  | RAC 500: 250 - 500 V 40-60 Hz/DC on request          |
| Voltage AC/DC     |  |  | AC operation   |
| For use with      |  |  | DILM580<br>DILM650<br>DILM750<br>DILM820<br>DILM1000 |

### 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 | 480 - 500 |
| Rated control supply voltage Us at AC 60HZ   |  | V | 480 - 500 |
| Rated control supply voltage Us at DC  |  | V | 0 - 0     |
| Voltage type for actuating   |  |   | AC        |

### 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**

00002865

**Instruction Leaflets**

IL03407023Z2018\_05

### Additional product information (links)

|  |   |
|--|---|
| <b>IL03407023Z (AWA2100-1697) Contactors &gt;170 A</b>   |   |
| IL03407023Z (AWA2100-1697) Contactors >170 A <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407023Z2020_04.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407023Z2020_04.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> |