



**Replacement coil, RA 110: 48 - 110 V 40-60 Hz/48 - 110 V DC, For use with: DILM580, DILM650, DILM750, DILM820, DILM1000**

**Part no. DILM1000-XSP/E(RA110)**  
**Catalog No. 289146**  
**Alternate Catalog No. XTCERENCOILNY**

### 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		DILM580 DILM650 DILM750 DILM820 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	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**

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 Cable 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>