

CERTIFICATE OF COMPLIANCE

Certificate Number E171806
Report Reference E171806-20121012
Date 2022-October-14

Issued to: Sontheimer Elektroschaltgeraete GmbH
Wendelsteiner Str 5
Schwabach 91126 DE

This is to certify that representative samples of MOTOR CONTROLLERS, MANUAL
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 60947-4-1, Low-Voltage Switchgear and Controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters
CSA C22.2 NO 60947-4-1-22, Low-Voltage Switchgear and Controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Product Designation(s):

Manual Motor Controllers, Models H or N, followed by LO16, LO20, LO25, LO32, LO40 and LO63; followed by /3 followed by E or V or T or VZ or VZM or ZM; may be followed by /Z20-D0, /Z20-D1, /Z20-D2, /Z20-D2/Z65, /Z33-D0, /Z33-D1, /Z33-D2, /Z33-D1/Z45, /Z33-D2/Z45, /Z33-D1/Z45/ZM, /Z33-D2/Z45/ZM, /Z33-D1/Z65, /Z33-D1/Z65/ZM, /Z33-D2/Z65, /FS-D2/Z65, /NR-D0/Z71, /NR-D1/Z71, /NS-D0/Z71, /NS-D1/Z71, /Z20-D0/Z71, /Z20-D1/Z71, /Z33-D1/Z71, /Z33-D1soco/Z71, /Z33-D1gb/Z71, /Z33-D1soco/Z75, /Z33-D1gb/Z75, /Z33-D1soco/Z45, /Z33-D1gb/Z45, /Z33-D1soco/E, /Z33-D1gb/E, /FR-D2/Z65, /Z35-D1, /Z35-D2, /Z36, /2xZ36, /Z39-D1, /Z62-1, /Z62-3, /Z73, /Z75, /Z78, /Z79, Z91-rem 200, Z91-rem 320, Z91-rem XXX, /NS-D0, /NR-D0, /NS-D1, /NR-D1, /FS-D2 or /FR-D2; may be followed by /X72, /X73, /X82, /X83 or /X100, /HV11, /HE11 may be followed by /NVG, /PE or /N.

Accessories (Handles and the like) types /Z20-D0, /Z20-D1, /Z20-D2, /Z20-D2/Z65, /Z33-D0, /Z33-D1, /Z33-D2, /Z33-D1/Z45, /Z33-D2/Z45, /Z33-D1/Z45/ZM, /Z33-D2/Z45/ZM, /Z33-D1/Z65, /Z33-D1/Z65/ZM, /Z33-D2/Z65, /FS-D2/Z65, /NR-D0/Z71, /NR-D1/Z71, /NS-D0/Z71, /NS-D1/Z71, /Z20-D0/Z71, /Z20-D1/Z71, /Z33-D1/Z71, /Z33-D1soco/Z71, /Z33-D1gb/Z71, /Z33-D1soco/Z75, /Z33-D1gb/Z75, /Z33-D1soco/Z45, /Z33-D1gb/Z45, /Z33-D1soco/E, /Z33-D1gb/E, /FR-D2/Z65, /Z35-D1, /Z35-D2, /Z36, /2xZ36, /Z39-D1, /Z62-1, /Z62-3, /Z73, /Z75, /Z78, /Z79, Z91-rem 200, Z91-rem 320, Z91-rem XXX, /NS-D0, /NR-D0, /NS-D1, /NR-D1, /FS-D2 or /FR-D2; may be followed by /X72, /X73, /X82, /X83 or /X100, /HV11, /HE11, may be followed by /NVG, /PE or /N.

Accessory Device for LO Series:

-Auxiliary Contacts

Series HE, HV, followed by 01, 10 or 11, may be followed by /X85 or /X92.

-Switched Fourth poles

Series NVGO, followed by 63, followed by E or V.

-N-Terminals

Series NO, followed by 63, followed by E or V.

-PE Terminals

Series PEO, followed by 63, followed by E or V.

-Lettering plates types X72

- Terminal Cover 1 pole type Z62-1

- Terminal Cover 3 pole type Z62-3

Handle and extension shaft combinations:

- /Z39-D1 + Z91-rem 300

- /Z39-D1 + Z91-rem xxx



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