

Certificate of Compliance

Certificate: 70206321

Master Contract: 274201

Project: 80237683

Date Issued: December 12, 2024

Issued to: Phoenix Contact GmbH & Co. KG
Flachsmarktstrasse 8
Blomberg, Nordrhein-Westfalen D-32825
Germany

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator ▲



Issued by: *Faith A. Caprio*
Faith A. Caprio

PRODUCTS

CLASS 6225 30 - FUSEHOLDER ASSEMBLIES Cartridge Type-Component Acceptance Program

Cat No. UK 10.3-HESI A 1500V Photovoltaic Fuseholder, 32A, 1500V dc max, SC Withstand 50kA, 1500V dc.

Notes:

1. These are fuseholder assemblies intended for indoor in Photovoltaic systems.
2. These fuseholder assemblies are not intended to provide branch circuit protection.
3. These assemblies are not intended to make or break under load
4. The wire connectors are suitable for use with 8AWG solid/stranded copper wire torqued at 22 lb-in.

Cat No. UK 10.3-HESI N, UK 10.3-HESI N 2POL, UK 10.3-HESI N 3POL, UK 10.3-HESILED N 690, UK 10.3-HESILED N 690 2POL, UK 10.3-HESILED N 690 3POL, UK 10.3-HESILED N 72, UK 10.3-HESI 1000V, UK 10.3 HESILED 1000V, 1 to 4 pole, 32A max, 800V ac max, 1000V dc max, SC Withstand – 200kA at 800V ac and 100kA at 1000V dc, for use with 10 mm by 38mm “Miscellaneous/Supplemental” fuses, intended for DIN rail mounting, Provided with or without Blown Fuse Indicator.

Conditions of Acceptability:

1. Component Accepted fuseholder assemblies are intended only for specific end-use applications in electrical and electronic equipment where the suitability of the combination is to be determined by CSA..
2. Spacings are to be decided based on the product application.

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3. The wire connectors have been investigated for use with No. 6-18 AWG solid/stranded copper wire. The terminals were torqued to 19 lb in. The need for a marking with this information shall be determined in the end use.
4. These fuseholders have not been investigated for use as a disconnecting means.
5. The need for fuse replacement markings shall be determined in the end use.
6. These devices accept fuses which provided supplementary protection and have not been evaluated for use where branch circuit protection is needed.
7. Fuseholders have been subjected to a current withstand using Fuse Type A13OUD72TTI500 (For 1kVdc 100kA) and 12,5URD71TTF0200 (for 800Vac 200kA). The let through values were as follows:
1kVdc, 100kA($I_p = 15.6 \text{ kA}$, $I_{2t} = 58.87 \text{ kA}^2\text{-s}$).
800Vac, 200kA($I_p = 12.6 \text{ kA}$, $I_{2t} = 26.1 \text{ kA}^2\text{-s}$).
Consideration should be given to repeating the Current Withstand Tests if the let-through values of the fuse used are higher than those above.

APPLICABLE REQUIREMENTS

CSA standard C22.2 No. 39-13

CSA standard C22.2 No. 4248.1-17

CSA standard C22.2 No. 65- 13

Fuseholder Assemblies

Fuseholders - Part 1: General Requirements

Wire Connectors

MARKINGS

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Company's name ("PHOENIX"), and/or CSA file number (274201), type designation, electrical ratings, serial number or date coding, the CSA Mark appear in a permanent manner on each unit, and any other information as specified in the Certification Report.