



Certificate of Compliance

Certificate: 1662652 **Master Contract:** 162842
Project: 80201991 **Date Issued:** 2024-03-11
Issued to: Mersen USA EP Corp.
374 Merrimac St
Newburyport, Massachusetts 01950-1998
United States
Attention: John Bird

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator "Triangle symbol"



Issued by: Reddi Cheekoori
Reddi Cheekoori

PRODUCTS

C142230 FUSES - Supplemental Fuses - Component Acceptance

SUPPLEMENTAL FUSES

Model(s)
As Below

"PSC" Series Square Body Type Semi-Conductor Fuses:

- Cat No A130 URD70 (alternate cat. No. A130UD70), 50 to 315A, 1300V ac, IR1300V ac-126kA
- Cat No A120 URD70 (alternate cat. No. A120UD70), 316 to 350A, 1200V ac, IR1200V ac-150kA
- Cat No A130 URD71 (alternate cat. No. A130UD71), 160 to 450A, 1300V ac, IR1300V ac-126kA
- Cat No A120 URD71, (alternate cat. No. A120UD71), 451 to 630A, 1200V ac, IR1200V ac-150kA
- Cat No A130 URD72, (alternate cat. No. A130UD72), 280-550A, 1300V ac, IR1300V ac-126kA blade style fuses only.
- Cat No A120 URD72, (alternate cat. No. A120UD72), 551-630A, 1200V ac, IR1200V ac-150kA blade style fuses only.
- Cat No A130 URD72, (alternate cat. No. A130UD72), 280-630A, 1300V ac, IR1300V ac-126kA flush mount style fuses only.
- Cat No A120 URD72, (alternate cat. No. A120UD72), 631-800A, 1200V ac, IR1200V ac-150kA flush mount style fuses with



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reinforced terminals only.

- Cat No A110 URD72, (alternate cat. No. A110UD72), 631-800A, 1100V ac, IR1100V ac-167kA blade style fuses with reinforced terminals only.
- Cat No A130 URD73, (alternate cat. No. A130UD73), 315 to 700A, 1300V ac, IR1300V ac-126kA
- Cat No A130 URD73, (alternate cat. No. A130UD73), 701 to 800A, 1300V ac, IR1300V ac-126kA with reinforced terminals only.
- Cat No A130 URD73, (alternate cat. No. A130UD73), 801 to 900A, 1300V ac, IR1300V ac-126kA with reinforced terminals and CA technology only.
- Cat No A120 URD73, (alternate cat. No. A120UD73), 701 to 800A, 1200V ac, IR1200V ac-150kA
- Cat No A110 URD73, (alternate cat. No. A110UD73), 801 to 900A, 1100V ac, IR1100V ac-167kA
- Cat No A100 URD73, (alternate cat. No. A100UD73), 901 to 1100A, 1000V ac, IR1000V ac-151kA
- Cat No A110 URD73, (alternate cat. No. A110UD73), 901 to 1000A, 1100V ac, IR1100V ac-167kA with reinforced terminals only.
- Cat No A100 URD73, (alternate cat. No. A100UD73), 1101 to 1250A, 1000V ac, IR1000V ac-151kA with reinforced terminals only.
- Cat No A090 URD73, (alternate cat. No. A090UD73), 1251 to 1400A, 900V ac, IR900V ac-150kA with reinforced terminals only.
- Cat No A070 URD73, (alternate cat. No. A070UD73), 1251 to 1600A, 700V ac, IR700V ac-200kA with reinforced terminals only.
- Cat No A065 URD73, (alternate cat. No. A065UD73), 1601 to 1800A, 650V ac, IR650V ac-200kA with reinforced terminals only.

Note: UD or URD identifier may be replaced with ARGE, UE, URD, UF or URF. The D, E and F designate the speed characteristic and amount to assigning a new ampere rating. For example for a 500A UD and URD is the same construction as a 450A UE or URE and is the same as a 400A UF or URF.

Note: Above are max ratings. For marketing reasons and customer requests, the voltage rating and the field in the catalogue number representing voltage rating may be less than the max shown.

Alternate European ratings:

- Cat No 12,5 URD70 (alternate cat. No. PC70UD13C), 50 to 315A, 1250V ac, IR1250V ac-126kA flush mount style only.
- Cat No 12,5 URD70 (alternate cat. No. PC70UD13C), 50 to 250A, 1250V ac, IR1250V ac-126kA blade style only.
- Cat No 12URD70 (alternate cat. No. PC70UD12C), 251 to 315A, 1200V ac, IR1200V ac-150kA blade style only.
- Cat No 12,5 URD71 (alternate cat. No. PC71UD13C), 160 to 450A, 1250V ac, IR1250V ac-126kA
- Cat No 11 URD71 (alternate cat. No. PC71UD11C), 451 to 550A, 1100V ac, IR1100V ac-150kA
- Cat No 11 URD71 (alternate cat. No. PC71UD11C), 551 to 630A, 1100V ac, IR1100V ac-150kA flush mount style only.
- Cat No 10 URD71 (alternate cat. No. PC71UD10C), 551 to 630A, 1000V ac, IR1000V ac-167kA blade style only
- Cat No 12,5 URD72 (alternate cat. No. PC72UD13C), 250 to 630A, 1250V ac, IR1250V ac-126kA flush mount style only.
- Cat No 12,5 URD272 or 2x72 (alternate cat. No. PC272UD13C), 500 to 1260A, 1250V ac, IR1250V ac-126kA flush mount style only or plates.
- Cat No 12,5 URD72 (alternate cat. No. PC72UD13C), 250 to 550A, 1250V ac, IR1250V ac-126kA blade style only
- Cat No 11 URD72 (alternate cat. No. PC72UD11C), 551 to 630A, 1250V ac, IR1100V ac-150kA blade style only
- Cat No 11 URD72 (alternate cat. No. PC72UD11C), 631 to 800A, 1100V ac, IR1100V ac-150kA flush mount style reinforced terminals only.
- Cat No 11 URD272 or 2x72 (alternate cat. No. PC272UD11C), 1262 to 1600A, 100V ac, IR1100V ac-150kA flush mount style reinforced terminals only or plates.
- Cat No 10 URD72 (alternate cat. No. PC72UD10C), 631 to 800A, 1000V ac, IR1000V ac-167kA blade style only.
- Cat No 12,5 URD73 (alternate cat. No. PC73UD13C), 315 to 700A, 1250V ac, IR1250V ac-126kA flush mount style only.
- Cat No 12,5 URD73 (alternate cat. No. PC73UD13C), 701 to 800A, 1250V ac, IR1250V ac-126kA flush mount style reinforced terminals only.
- Cat No 12,5 URD73 (alternate cat. No. PC73UD13C), 315 to 630A, 1250V ac, IR1250V ac-126kA blade style only
- Cat No 12,5 URD73 (alternate cat. No. PC73UD13C), 801 to 900A, 1250V ac, IR1250V ac-126kA with reinforced terminals and CA technology only.
- Cat No 12URD73 (alternate cat. No. PC73UD12C), 631 to 700A, 1200V ac, IR1200V ac-150kA blade style only



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- Cat No 11URD73 (alternate cat. No. PC73UD11C), 701 to 800A, 1100V ac, IR1100V ac-150kA
- Cat No 11 URD273 or 2x73 (alternate cat. No PC273UD11C), 1402 to 1600A, 1100V ac, IR1100V ac-150kA
- Cat No 10URD73 (alternate cat. No. PC73UD10C), 801 to 900A, 1000V ac, IR1000V ac-167kA blade style only
- Cat No 10URD73 (alternate cat. No. PC73UD10C), 901 to 1000A, 1000V ac, IR1000V ac-167kA flush mount style reinforced terminals only.
- Cat No 9,5URD73 (alternate cat. No. PC73UD95V), 1001 to 1100A, 1000V ac, IR950V ac-150kA flush mount style reinforced terminals only.
- Cat No 9,5URD273 or 2x73 (alternate cat. No PC273UD95V), 2002 to 2200A, 950V ac, IR950V ac-150kA flush mount style reinforced terminals only or plates.
- Cat No 9URD73 (alternate cat. No. PC73UD90V), 901 to 1100A, 900V ac, IR900V ac-150kA blade style reinforced terminals only.
- Cat No 9URD73 (alternate cat. No. PC73UD90V), 1001 to 1250A, 900V ac, IR900V ac-150kA flush mount style reinforced terminals only.
- Cat No 8,5URD73 (alternate cat. No. PC73UD85V),1251 to 1400A, 850V ac, IR850V ac-150kA flush mount style reinforced terminals only.
- Cat No 8,5URD273 or 2x73 (alternate cat. No PC273UD85V), 2502 to 2800A, 850V ac, IR850V ac-150kA flush mount style reinforced terminals only or plates.
- Cat No 6,6URD73 (alternate cat. No. PC73UD66V),1401 to 1600A, 660V ac, IR660V ac-200kA flush mount style reinforced terminals only.
- Cat No 8 URD 71 TTF 0900 (alternate cat. No. PC71UD80V900TF), 900A, 800V ac, IR 150kA
- Cat No 10 URD 71 TTF 0700 (alternate cat. No. PC71UD10C700TF), 700A, 1000V ac, IR 150kA
- Cat No 10 URD 72 TTF 0900 (alternate cat. No. PC72UD10C900TF), 900A, 1000V ac, IR 150kA
- Cat No 11 URD 70 TTF 0400 (alternate cat. No. PC70UD11C400TF), 400A, 1200V ac, IR 100kA
- Cat No 6URD73 (alternate cat. No. PC73UD60V),1601 to 1800A, 600V ac, IR600V ac-200kA flush mount style reinforced terminals only.

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Note: Above are max ratings. For marketing reasons and customer requests, the voltage rating and the field in the catalogue number representing voltage rating may be less than the max shown.

Note:

1. These fuses have been investigated only short circuit protection and overload protection only at levels not lower than the “Minimum Breaking Capacity” as indicated in the report.
2. Temperature rise limits and fuseholder per test results should be considered prior to select the product at end use application.
3. Fuses provided with indicators have been evaluated in combination, however, the use of additional accessories such as micro switches have not been investigated
5. The method of mounting of these fuses to the OEM equipment has not been investigated. The suitability of the electrical connection along with the temperatures on the conductive portion of the fuse blade and/or ferrule is to be investigated in the end used.
6. The actuator assembly is intended for used with a micro switch and bracket for remote alarm circuit operation. The switch device is intended to be mounted by the OEM. This switch device, bracket, spacings, and separation of circuitry are to be considered in the end-use application with respect to suitability of the application. This mounting body consists of a thermoset material with a generic temperature limitation of 130°C for mechanical properties without impact. This temperature is not to be exceeded in the end application.

APPLICABLE REQUIREMENTS



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CSA C22.2 NO. 248.13-00 + Upd.1 + Upd.2 + Upd.3 (Second Edition) (R2019) - Low-Voltage Fuses — Part 13: Semiconductor Fuses - Second Edition; General Instruction No 1: August 2000; Update No. 2: November 2004; Update No. 3: August 2005



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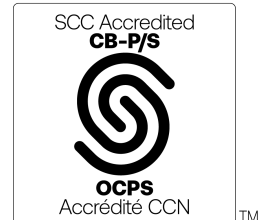
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Notes:

Products certified under Class(es) C142230 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80201991	2024-03-11	Update to the report 1662652 to include Cat No. 12,5 URD272 or 2x72, Cat No.11 URD272 or 2x72, Cat No.12,5 URD273 or 2x73, Cat No.11 URD273 or 2x73, Cat No.9,5URD273 or 2x73, Cat No.9URD273 or 2x73, Cat No. 8,5 URD273 or 2x73, Cat No. 8 URD 71 TTF 0900 (alternate cat. No. PC71UD80V900TF), Cat No. 10 URD 71 TTF 0700 (alternate cat. No. PC71UD10C700TF), Cat No. 10 URD 72 TTF 0900 (alternate cat. No. PC72UD10C900TF) and Cat No.11 URD 70 TTF 0400 (alternate cat. No. PC70UD11C400TF).
70084726	2016-06-17	covers correction to alternate European Catalogue number (e.g. from 12 ,5UD70 to PC70UD13C)
2452284	2011-08-24	covers updated procedure for "Split Inspection".
2357615	2010-10-18	covers split inspection of Indicator and Element/Body Sub-assemblies (Ref. FIR dated June 23, 2010- Factory ID 4764289)
2264348	2010-01-26	covers alternate construction and alternate European ratings.
2070212	2008-11-12	covers correction to certification records with correct Catalogue Numbers, corrections to Nomenclature and description of A130 VRD deleted
1662652	2006-03-23	Original Certification - Model PSC Square Body Semiconductor Fuses, Cat No. A 130 URD Series, 50 to 1600A, 1300V ac max.