

# Eaton UT06FC2235SWH

Female plug with flexible conduit backshell,  
IP68/69K, 48 h salt spray, keying W;  
UT06FC2235SWH

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
|                                 |                                                                           |
| <b>PRODUCT NAME</b>             | Eaton Souriau UTO series<br>metal IP68/69k connector<br>for intensive use |
| <b>CATALOG NUMBER</b>           | UT06FC2235SWH                                                             |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 71.1 mm                                                                   |
| <b>PRODUCT HEIGHT</b>           | 42 mm                                                                     |
| <b>PRODUCT WIDTH</b>            | 42 mm                                                                     |
| <b>PRODUCT WEIGHT</b>           | 61.7 g                                                                    |
| <b>COMPLIANCES</b>              | Overvoltage category III /<br>pollution degree III<br>UL 1977             |

|                            |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            |                                                                                                                                                                                                                                                                                                                                              |
| CURRENT RATING             | 6 A IEC<br>5 A UL                                                                                                                                                                                                                                                                                                                            |
| FITTED WITH:               | Last mate first break capability(optional)<br>First mate last break capability(optional)                                                                                                                                                                                                                                                     |
| ENVIRONMENTAL CONDITIONS   | Flammability rating UL94 V0<br>RoHS<br>Fire and smoke rating HL2 R22 and HL2 R23 following EN 45 545<br>REACH<br>Fire & Smoke                                                                                                                                                                                                                |
| ENVIRONMENTAL RESISTANCE   | Resistant against mineral oil<br>Resistant against acid bath<br><br>Resistant against oil<br>Resistant against basic bath<br>Vibrations level 55-2000 Hz, 15g per MIL-C-26482 I<br>Shock resistance 30g, 18ms per NFF61030<br>Resistant against gasoline<br>Shock resistance 50g, 11ms per MIL-C-26482 I<br>Vibrations level 2g per NFF61030 |
| TEST CURRENT               | 5 A UL<br>3 A CSA<br>6 A IEC                                                                                                                                                                                                                                                                                                                 |
| TEST VOLTAGE               | 150 V IEC<br>500 V CSA<br>500 V UL                                                                                                                                                                                                                                                                                                           |
| BACKSHELL ANGLE            | Straight                                                                                                                                                                                                                                                                                                                                     |
| BACKSHELL TYPE             | For Flexible Conduit                                                                                                                                                                                                                                                                                                                         |
| CONNECTOR ACCESSORY OPTION | Delivered with connector                                                                                                                                                                                                                                                                                                                     |
| CONNECTOR ORIENTATION      | W                                                                                                                                                                                                                                                                                                                                            |
| CONNECTOR TYPE             | Plug                                                                                                                                                                                                                                                                                                                                         |
| CONTACT DELIVERY           | Not delivered                                                                                                                                                                                                                                                                                                                                |
| CONTACT GENDER             | Socket (Female)                                                                                                                                                                                                                                                                                                                              |
| CONTACT TYPE               | Crimp                                                                                                                                                                                                                                                                                                                                        |
| COUPLING TYPE              | 1/3 Bayonet                                                                                                                                                                                                                                                                                                                                  |
| DEGREE OF PROTECTION       | IP68                                                                                                                                                                                                                                                                                                                                         |



|                             |               |
|-----------------------------|---------------|
| INSERT MATERIAL             | Polyamide     |
| LAYOUT                      | 35            |
| PLATING                     | Nickel        |
| PLUG TYPE                   | Straight Plug |
| SHELL MATERIAL              | Zinc alloy    |
| SHELL SIZE                  | 22            |
| MATING CYCLES               | 500           |
| OPERATING TEMPERATURE - MAX | 105 °C        |
| OPERATING TEMPERATURE - MIN | -40 °C        |
| NUMBER OF CONTACTS          | 35            |
| NUMBER OF CAVITY #16        | 35            |
| SALT SPRAY                  | 48 hour       |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| :               |



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