



□□□□□

## Eaton UTS6JC147S

Plastic plug, with cable gland backshell, for 7 female contacts, IP68/69K; UTS6JC147S

□□□□

|                             |   |
|-----------------------------|---|
| <b>PRODUCT NAME</b>         | Eaton Souriau UTS series plastic waterproof IP68/69k connector  |
| <b>CATALOG NUMBER</b>       | UTS6JC147S  |
| <b>PRODUCT LENGTH/DEPTH</b> | 71.5 mm   |
| <b>PRODUCT HEIGHT</b>       | 34.4 mm   |
| <b>PRODUCT WIDTH</b>        | 34.6 mm   |
| <b>PRODUCT WEIGHT</b>       | 40.9 g  |
| <b>COMPLIANCES</b>          | UL 1977 (please contact us for more details)<br>IEC 61984 (please contact us for more details)<br>CSA-C22.2 No.182.3 (please contact us for more details) |



Powering Business Worldwide

□□□□

□□

|                                   |   |
|-----------------------------------|---|
| <b>CURRENT RATING</b>             | 16 A IEC<br>10 A UL   |
| <b>FITTED WITH:</b>               | First mate last break capability<br>Last mate first break capability(optional)<br>Layout with ground cavity   |
| <b>ENVIRONMENTAL CONDITIONS</b>   | Fire & Smoke<br>REACH<br>RoHS<br>Flammability rating UL94 V0<br>Fire and smoke rating I2F3 according to NFF 16101 and NFF 16102   |
| <b>ENVIRONMENTAL RESISTANCE</b>   | Resistant against mineral oil<br>Resistant against acid bath<br><br>Resistant against oil<br>Resistant against basic bath<br>Vibrations level Per IEC 60512-4 - from 10 to 2000 Hz<br>Resistant against gasoline<br>UV resistant, no degradation after 5 years of exposure in natural environment |
| <b>TEST CURRENT</b>               | 7 A CSA<br>16 A IEC<br>10 A UL  |
| <b>TEST VOLTAGE</b>               | 500 V CSA<br>300 V IEC<br>500 V UL  |
| <b>BACKSHELL ANGLE</b>            | Straight  |
| <b>BACKSHELL TYPE</b>             | Sealing Gland   |
| <b>CONNECTOR ACCESSORY OPTION</b> | Delivered with connector  |
| <b>CONNECTOR ORIENTATION</b>      | N   |
| <b>CONNECTOR TYPE</b>             | Plug  |
| <b>CONTACT DELIVERY</b>           | Not delivered   |
| <b>CONTACT GENDER</b>             | Socket (Female)   |
| <b>CONTACT TYPE</b>               | Crimp   |
| <b>COUPLING TYPE</b>              | 1/3 Bayonet   |
| <b>DEGREE OF PROTECTION</b>       | IP68  |
| <b>INSERT MATERIAL</b>            | Polyamide   |
| <b>LAYOUT</b>                     | 7   |

|                             |               |
|-----------------------------|---------------|
| PLUG TYPE                   | Straight Plug |
| SHELL MATERIAL              | Plastic       |
| SHELL SIZE                  | 14            |
| CABLE DIAMETER - MAX        | 14 mm         |
| CABLE DIAMETER - MIN        | 5 mm          |
| MATING CYCLES               | 250           |
| OPERATING TEMPERATURE - MAX | 105 °C        |
| OPERATING TEMPERATURE - MIN | -40 °C        |
| NUMBER OF CONTACTS          | 7             |
| NUMBER OF CAVITY #16        | 7             |
| SALT SPRAY                  | 500 hour      |

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



0000  
Eaton House  
30 Pembroke Road  
Dublin 4, 0000  
Eaton.com

© 2025 00 00000000

Follow us on social media to get the latest product and support information.

