



MATERIALS

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|---------|--------------------------------|
| HOUSING | PA GF REINFORCED, BLACK COLOR |
| O-RING | NEOPREN |
| NUT | ALUMINIUM ALLOY BLACK ANODIZED |

PERFORMANCES CHARACTERISTICS

| | | |
|----------------------------------|-----------------|---|
| MECHANICAL | | |
| TEMPERATURE CLASS | IEC61984/UL1977 | -40°C TO 105°C |
| DURABILITY | IEC61984 | 500 MATE / UNMATE CYCLES |
| SEALING IN MATED CONDITION | IEC60529 | IP68 1BAR DURING 1WEEK |
| | DIN40050 | IP69K |
| SEALING IN UNMATED CONDITIONS | IEC60529 | IP67 WITH CAPS |
| POLLUTION DEGREE | IEC61984 | 4 |
| CORROSION SALT SPRAY | | MIN 1000H |
| FLAMMABILITY | UL94 | MATERIAL RATING: 5VA |
| OUTDOOR SUITABILITY (UV RESIST) | UL746C | MATERIAL RATING: (f1) |
| SCOOP PROOF | | |
| ELECTRICAL | | |
| TOUCH PROOF | IEC60529 | IP2X |
| POWER AND GROUND LINES | | |
| NOMINAL CURRENT | UL1977 | 16A WITH AWG14 WIRE / 13A WITH AWG16 WIRE |
| NOMINAL CURRENT | IEC61984 | 16A WITH 2.5MM² WIRE / 13A WITH 1.5MM² WIRE AT 60°C |
| NOMINAL VOLTAGE | | |
| NOMINAL VOLTAGE | UL1977 | 600V |
| | IEC61984 | 250VAC 4KV 4 FOR CLASS II |
| | IEC61984 | 500VAC 6KV 4 FOR CLASS I |
| SIGNAL CONTAC (a,b,c,d,e) LINES: | | |
| NOMINAL VOLTAGE | IEC61984 | 48V AC |
| NOMINAL CURRENT | IEC61984 | 5A |
| ROHS COMPLIANT | | |

NOTES

- COUNTERPART REFERENCE UTL PLUG
- CONNECTORS ARE DELIVERED AS PRE-ASSEMBLED KIT
- CONNECTOR BLOCKS ACCEPTS TRIM TRIO CONTACTS #16 AND #20, R"M" OR S"M" TYPES
- CONTACTS TO BE ORDERED SEPARATELY.
- WARNING: PHASE AND SIGNAL CONTACTS ARE MALE VERSION AND GROUND CONTACT IS FEMALE VERSION
- UNIT IN MM

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| Country | Jurisdiction & Control List |
| FR | NOT LISTED |

P/N : UTL7122G1W5P

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|-------------------------|---|--|---------------------------------------|--|
| B | 06/11/15 | drawing format updated -- | | — |
| ISS | DATE | Latest modification - by: LANDAIS.PE | | MOD N° |
| Designed by: RAGAIN.E.M | | Date:02/10/14 | CUSTOMER DRAWING | |
| TITLE | | MALE NUT RECEPTACLE SIZE 12 LAYOUT 8 CONTACTS UTL CONNECTOR | | |
| Scale 1/1 |  | | General linear Tolerances: ± -- | NPRDS / PROJECT UTL |
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