



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|---|
| Number of contacts Low Voltage | 10 |
| Wire Size/AWG | 28 - 20 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Size | 3N |
| Suggested matching part | FZG.3N.310.TLAY10 |
| Series | N - Nuclear Stainless Steel |

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/edg-3n-310-tll.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Number of contacts Low Voltage | 10 |
| Contact Termination Low voltage | Solder |
| R (max) | 3.6 mOhm |
| Insert configuration value | 3N.310 - 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 12 A |
| Max. Solid Conductor | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor | 0.5 mm ² (AWG 20) |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 1.3 mm (0.051in) |
| Wire Size/AWG | 28 - 20 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EDG - Fixed receptacle with square flange, 4 screw fixing, with long pre-positioning sleeve |
| Socket / Receptacle | Fixed Panel Front Mounted |
| Housing material | Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Push-Pull latch for manipulator. Female contacts |
| Colour | Grey |
| Weight | 190.11 g |















Environment

| | |
|-----------------------------------|--|
| Technical domain | Energy and Industrial, Specialties and Other |
| Environmental sealing (IP rating) | IP66 |

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|--------------------|---------------|--------|---|
| CMN.10.T20.080PGZE | | grey |  |
| CMN.10.T20.080PNZE | | |  |
| CMN.10.T20.080QGC | TPR | Grey | |
| CMN.10.T22.068QGZE | TPR (medical) | Grey |  |
| CMN.10.T28.052PGZE | | grey |  |
| CMN.10.T28.052PNZE | | |  |
| CMN.10.T28.053QGZE | TPR (medical) | Grey |  |
| 110220 | PVC | Black |  |
| 110240 | PTFE | White |  |
| 110260 | PTFE | White |  |
| 110280 | PVC | Black |  |
| 210140 | PVC | Grey |  |
| 210240 | PVC | Black |  |
| 210250 | PVC | Grey |  |
| 210260 | PVC | Black |  |

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