

G-ONG-BS

- **OHLI-BC-1(2)**

Type electrical connectors are used in DC and AC circuits. The plug and socket are bayonet connection.

Receptacle does not have a tail attachment, and plug has a straight plastic tail attachment.

- **Application**

This series is recommended for use in ground vehicles and equipment in the civil and military fields.

- **Technical characteristics**

Contact resistance: $\leq 5 \text{ m}\Omega$

Insulation resistance: $\geq 1000 \text{ M}\Omega$ (under normal conditions)

Ambient temperature: $-60^\circ\text{C} \sim +85^\circ\text{C}$

Vibration dynamic: $1\text{-}5000 \text{ H}_z \text{ } z \text{ } 20g$

Shock: 1000g at a time, multiple times 100g

Contact diameter: $\varnothing 1,0\text{mm}$

Working current and operating voltage:



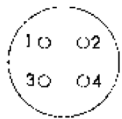
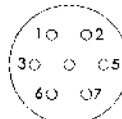
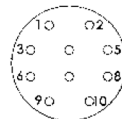
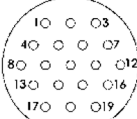
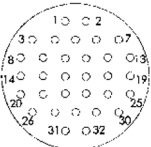
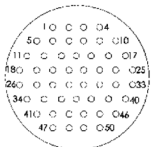
- **Localized model: G-ONG-BS**

| Shell number | Number of contacts | Single contact Working current (A) | Sum of current (A) | Operating Voltage (V) |
|--------------|--------------------|------------------------------------|--------------------|-----------------------|
| 10 | 4 | 3.7 | 15 | 250 |
| 12 | 7 | 3.1 | 22 | 250 |
| 14 | 10 | 3.0 | 30 | 250 |
| 18 | 19 | 2.1 | 40 | 250 |
| 22 | 32 | 1.8 | 60 | 250 |
| 27 | 50 | 1.5 | 75 | 250 |

Mechanical life: 250 cycles, Operating hours: 5000 hour

Guarantee period: 15 years, Technical conditions: BPO.364.030TY

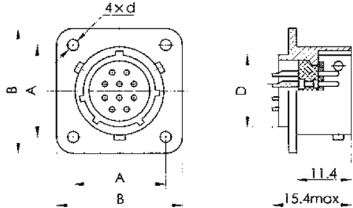
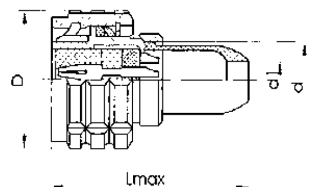
- **Contact Arrangements**

| Shell number | 10 | 12 | 14 | 18 |
|-----------------|---|---|---|---|
| No. of contacts | 4 | 7 | 10 | 19 |
| Arrangement |  |  |  |  |
| Shell number | 22 | | 27 | |
| No. of contacts | 32 | | 50 | |
| Arrangement |  | |  | |

| Marking description | | | | | | | |
|--|---------------|-------------|-------------|-------------|--------------|---------------|----------|
| Russian: | ОШЦ-БС | 1(2) | 4/10 | B(P) | 1(12) | 1(2,3) | B |
| ОШЦ - round Б - bayonet С - subminiature | | | | | | | |
| 1 silver, 2 gold | | | | | | | |
| Number of contacts / Shell number | | | | | | | |
| B - receptacle (with pin) P - plug (with hole) | | | | | | | |
| 1.Receptacle without housing 12.Plug with unshielded straight housing | | | | | | | |
| Polarization | | | | | | | |
| All-climatic version | | | | | | | |

| | | | | | | | |
|--|-----------------|-------------|-------------|-------------|-------------|---------------|----------|
| China: | G-ONC-BS | 1(2) | 4/10 | B(P) | 1(2) | 1(2,3) | B |
| G – ground application ONC - round B - bayonet S - subminiature | | | | | | | |
| 1 silver, 2 gold | | | | | | | |
| Number of contacts / Shell number | | | | | | | |
| B - receptacle (with pin) P - plug (with hole) | | | | | | | |
| 1.Receptacle without housing 2.Plug with unshielded straight housing | | | | | | | |
| Polarization | | | | | | | |
| All-climatic version | | | | | | | |

Shape and installation dimensions

| Receptacle without tail attached (pin) | | | | | | Plug with tail attached (socket) | | | | |
|---|---------------|-----|------|----|-----|--|---------------|----------|-----|-------|
|  | | | | | |  | | | | |
| Shell number | Dimensions mm | | | | | Shell number | Dimensions mm | | | |
| | D | d | A | B | b | | D | d | d1 | L max |
| 10 | 10 | 2,2 | 11,8 | 20 | 1,4 | 10 | 20 | M10x0.75 | 4,5 | 30 |
| 12 | 12 | 2,2 | 13,2 | 21 | 1,4 | 12 | 21 | M12x0.75 | 6 | 31 |
| 14 | 14 | 2,2 | 15 | 24 | 1,4 | 14 | 24 | M14x0.75 | 7 | 32 |
| 18 | 18 | 2,2 | 18 | 27 | 1,4 | 18 | 27 | M18x0.75 | 9,2 | 33 |
| 22 | 22 | 2,7 | 21,5 | 31 | 1,8 | 22 | 31 | M22x0.75 | 11 | 34 |
| 27 | 27 | 3,2 | 26 | 36 | 2 | 27 | 36 | M27x0.75 | 13 | 36 |