For maintenance, repair and upgrading work, appliances such as drills, welding transformers, hand grinders and such are needed but are not in accordance to the explosion-protection regulations.

To be able to use these appliances in the Zone 1 or Zone 2 explosion-protected areas a hot work permit has to be issued. For the duration of the repair or maintenance work, the environment has to be free of all explosive hazardous atmospheres.

The CEAG explosion-protected repair and maintenance receptacle distributions are in accordance to regulations that in parts require a stationary installation. With the interlocking and lockable switch the utilization of the repair and maintenance receptacle distributions is selectively possible after a hot work permit has been issued.

All sockets are equipped with high quality switches and ELCB and have separate MCB’s. Repair and maintenance sockets have a red signal lamp on the top side of the housing showing the actual state of connection.

International approvals

- Commercially available industrial apparatus can be used with a „hot work permit“
- Sockets with lamellar contacts for secure connection
- Lockable switch with all-pole switching and AC-3 motor switching capability
- High mechanical, chemical and thermal resistance
- Sockets can be locked separately
**Technical data**

**Repair receptacle distributions**

- Marking acc. to 94/9/EC: II 2 G Ex ed IIC T6
- EC-Type Examination Certificate: PTB 00 ATEX 1100 X
- Permissible ambient temperature: –55 °C to +55 °C (40 A) / –36 °C to +55 °C (80 A)
- Rated voltage: 400 V
- Rated current: 40 A / 80 A
- Frequency: 50 - 60 Hz
- Rated making / Rated breaking capacity AC-3 accd. EN 60947-3: 40 A switch: $U_e$ 400 V / $I_e$ 40 A, 80 A switch: $U_e$ 400 V / $I_e$ 80 A
- Protection class: I
- Degree of protection accd. to EN 60529: IP66
- Enclosure material: glass-fibre reinforced polyester
- Enclosure colour: black

**Ordering details**

<table>
<thead>
<tr>
<th>Number of components</th>
<th>Circuit</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 switch, 4-pole, 40 A, 1 RCD 40/0,03 A, 1 IEC 60309-socket, 16 A, 1 MCB, 3-pole, 16 A, 1 earthed socket 16 A, 1 MCB, 1-pole, 16 A, 1 signal lamp, 1 cable gland M40 Ø 17 - 28 mm, 1 cable gland M25 Ø 8 - 17 mm</td>
<td><img src="Circuit_40_A.png" alt="Circuit" /></td>
<td>GHG 981 0042 R0001</td>
</tr>
<tr>
<td>1 switch, 4-pole, 80 A, 1 RCD 80/0,03 A, 1 IEC 60309-socket, 16 A, 1 MCB, 3-pole, 16 A, 1 IEC 60309-socket, 32 A, 1 MCB, 3-pole, 32 A, 1 earthed socket 16 A, 1 MCB, 1-pole, 16 A, 1 signal lamp, 1 cable gland M50 Ø 22 - 35 mm, 1 cable gland M25 Ø 8 - 17 mm</td>
<td><img src="Circuit_80_A.png" alt="Circuit" /></td>
<td>GHG 981 0043 R0001</td>
</tr>
</tbody>
</table>

Other types on request / Customer specifications on request

**Dimension drawing**

- Repair socket distributions 40 A
- Repair socket distributions 80 A
- $X$ = fixing dimensions