

## EX-PROTECTED PORTABLE POWER SUPPLY UNITS

16 A – 125 A for Zone 1

Special requirements apply for power distributions for the use and operation of portable equipment in hazardous areas in Zones 1, 2, 21 and 22. It is necessary to ensure that any external mechanical influences are effectively kept away from the equipment.

CEAG explosion-protected power distributions fulfil these high mechanical explosion protection requirements by means of a high-strength protective framework made of stainless steel (1.4301) and enclosures that have been specially developed for this purpose.

Whether in accordance with customer requirements or as a series product, sizes 16 A – 125 A are possible. All the electrical outgoing circuits can be fitted with separate MCBs or ELCBs. Customized components, such as electronic subassemblies, can also be safely built into special, flameproof enclosures with the required Certificate of Conformity.

The power distributions are fitted with flange sockets that fulfil the high requirements of the degree of protection IP 66, even with plugs inserted.

Thus, these distributions are even suitable for use under most extreme industrial conditions.

For the additional connection to the protective conductor (PE) or equipotential bonding conductor (PA), there is a stud welded directly onto the framework.

### International approvals.

Flexible power distribution in the hazardous area thanks to sockets with lamellar contacts for optimum contact safety

Padlocking of switch with all-pole disconnection and full AC3 switching capacity

High mechanical, chemical and thermal resistance

Customer specific design

