

GROUND PROTECTION EXPLOSION-PROOF PLUG

ABSTRACT

5 An explosion-proof plug with a grounding protection function comprises a
hollow housing assembly, wherein a base assembly is arranged in the housing
assembly, and a plurality of crimping assemblies being arranged in the base
assembly; the base assembly comprises a mounting base inlaid in the housing
assembly, the plurality of crimping assemblies penetrate through and are fixed
10 on the mounting base and comprise a plurality of connecting pins and grounding
pin assemblies, and each grounding pin assembly comprises a grounding pin and
a grounding reed arranged on the grounding pin; and the grounding reed abuts
against the housing assembly. The explosion-proof plug with a grounding
protection function expands the grounding protection form of connectors and
15 solves the technical problem that electrical connector assemblies in the prior art
cannot be grounded easily and stably due to a small space.

The most illustrative drawing: Figure 1