

# DECLARATION OF MANUFACTURER



**Product:** Equipotential Bonding for Hazardous Areas

<b>Product designation:</b>	Part No. 306200	Type: PAK 35 M8 EX KB ER
	Part No. 306201	Type: PAK 50 M8 EX KB ER
	Part No. 306202	Type: PAK 70 M8 EX KB ER
	Part No. 306203	Type: PAK 35 M8 EX GI ER
	Part No. 306204	Type: PAK 35 M6 EX KB ER
	Part No. 306205	Type: PAK 50 M6 EX KB ER
	Part No. 306206	Type: PAK 70 M6 EX KB ER
	Part No. 306210	Type: PAP 1 EX KB ER
	Part No. 306211	Type: PAP 2 EX KB ER
	Part No. 306212	Type: PAP 1 EX GI ER
	Part No. 306213	Type: PAP 2 EX GI ER
	Part No. 306220	Type: SBD 60 PAK 35 ER
	Part No. 306230	Type: MPE S 35 ER
	Part No. 306231	Type: MPE S 50/70 ER
Part No. 306240	Type: SM SS M6 ER	

**Manufacturer:** DEHN + SÖHNE GmbH + Co.KG.  
ELEKTROTECHNISCHE FABRIK  
Hans-Dehn-Straße 1  
92318 Neumarkt/OPf./Germany

## Application:

The equipotential bonding clamps, plates and pipe clamps are used for the protective and functional equipotential bonding as per DIN VDE 0100, part 410/540.

We herewith confirm that the equipotential bonding plates including the cable clamp and the locknut, equipotential bonding clamps as well as the equipotential pipe clamps are suitable for use in Ex zone 2 (gas, vapour, mist) and Ex zone 22 (dust) in compliance with the installation instructions.

Undermentioned components were tested electrically with the following short circuit current loads:

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Part No. 306200	Type: PAK 35 M8 EX KB ER
Part No. 306203	Type: PAK 35 M8 EX GI ER
Part No. 306210	Type: PAP 1 EX KB ER
Part No. 306211	Type: PAP 2 EX KB ER
Part No. 306212	Type: PAP 1 EX GI ER
Part No. 306213	Type: PAP 2 EX GI ER

**AC-Current**  
**50 Hz /5 s**  
1,5 kA

**DC-Current**  
**5 s**  
250 A



The above mentioned equipotential bonding parts have no potential source of ignition (component) of their own and are thus not subject to the European directive ATEX 2014/34/EU.

Therefore, approval according to the European directive ATEX 2014/34/EU is legally impossible and not required from an explosion protection point of view.

Neumarkt, February 1st, 2018

A handwritten signature in black ink, appearing to read "Ralph Brocke". The signature is written in a cursive style and is positioned above a horizontal line.

Dr.-Ing. Ralph Brocke  
Director R & D