



**QPS Evaluation Services Inc**  
Testing, Certification and Field Evaluation Body  
Accredited in Canada, the USA, and Internationally

File
LR1049

**CERTIFICATE OF COMPLIANCE**  
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to Amphenol EEC  
Address 4050 N Rockwell Street  
Chicago, IL  
60618 USA  
Project Number LR 1049-4R1  
Product Electrical Plugs and Receptacles  
Model Number HDE Series  
HDE1-22-33-44-55-66778-L99

Where:

- 1- Material
- 2- Shell Style
- 3- Cable Retention Style
- 4- Gland Size/Grommet/Junction Box
- 5- Shell Size
- 6- insert configuration
- 7- contact Gender
- 8- Contact termination style
- 9 - Optional Alternate insert key position
- 10- Color coding
- 11- Pigtail length

Ratings/markings Class I, Div 1 Gr BCD, T5-T6  
Ex db IIC, T5-T6 Gb  
Class I Zone 1, AEx db IIC T5-T6  
Class I Zone 1, AEx db eb IIC T5-T6

Applicable Standards Ta=-40°C to +40/50/65°C  
CSA C22.2 No. 182.3-1987, CSA C22.2 No. 30-1986, CSA C22.2 No.  
60079-0 – 2015, CSA C22.2 No. 60079-1 – 2016, CSA C22.2 No.  
60079-1 - 2016, UL 1977 2nd edition, UL 60079-0 -2013, UL 60079-1-  
2015, UL 60079-7-2013, UL1203 4th edition

Factory/Manufacturing Location Same as above

**Statement of Compliance:** The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



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Issued By: **Dave Adams, P. Eng.**  
Manager, Hazardous Locations Dept. [Ex Equipment]

Signature: 

Date: March 24, 2017