



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **26 702 - 05 HH**

Company **Barksdale GmbH
Dorn-Assenheimer Strasse 27
D-61203 Reichelsheim**

Product Description **Temperature switch**

Type **MT1H, ML1H
T2H, L2H**

Environmental Category **D, EMC1**

Technical Data /
Range of Application **MT1H, ML1H : single switch type
T2H, L2H : dual switch type
Temperature sensor: liquid filled local sensor or remote sensor with capillary
(with or without thermowell)
Measuring ranges: -45 ... 66°C to +160...+316°C (capillary)
-45 ... 24°C to +149...+232°C (local sensor)
Sensor and capillary: stainless steel
Electrical connection: c/o contact, microswitch type H, M, L, S, J, K, GH or GM

Contact rating: 125V AC to 250V AC, 10A; 480V AC, 3A (type: H, M, S, GH, GM)
6V DC to 24V DC, 0.5A (type: H, M, S, GH, GM)
250V AC, 15A (type: J, K)
250V AC, 22A (type L)

Ex-proof protection: EEx ia IIC T6
Degree of protection: IP65**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test Reports: BFSV No. 5704/05 and BFSV No. 5769/05
ATEX Cert. No. ISSeP03ATEX119X
Data sheets: 05/04 KTM-EN 03/02, 05/03 KTM-EN 03/01, 05/03 KTM-EN 03/1,
Construction drawings**

Remarks **None**

Valid until **2010-12-05**

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Type Approval Symbol



File No. I.D.02

Hamburg, 2005-12-06

J. Wittburg

D. Lesniewski

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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".