

TEST REPORT EN 60529 Degrees of protection provided by enclosures (IP Code)	
Test-Report No.	13.00639 /08
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Approved by (Name and signature)	Josef Albert <i>Josef Albert</i>
Date of issue	18. Oct. 2013
Test Laboratory:	
Test Laboratory name	DPLF GbR (EU-Notified Body No 0363)
Address	Max-Eyth Weg 1 64823 Groß-Umstadt
Applicant:	
Applicant's name	Klinger & Born GmbH
Address	In den Schlangenäckern 5 64395 Brensbach / Germany
Manufacturer's name	Klinger & Born GmbH
Address	In den Schlangenäckern 5 64395 Brensbach / Germany
Manufacturing site name	Klinger & Born GmbH
Address	In den Schlangenäckern 5 64395 Brensbach / Germany
Test requirement:	
Standard	EN 60529:1991+A1:2000
Test Procedure	IPX4 with oscillating tube or spray nozzle
Test-Report Manufacturer	DPLF GbR
Test-Report Form	DPLF-EN 60529-IPX4-B-englisch
Test-Report issued	October 2013
Test item:	
Test item description	Switch housing type: K3000

Marking plate / Markings:



List of content:

This test report is including the following:

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Summary of testing:

- The tested appliance **does meet** the requirements to the above mentioned standard(s).

The test was passed, because no water entered.

Reason:

The entered water

- shall not be sufficient to interfere with the correct operation of the equipment or impair safety.
 The carried out high-voltage test with --- Volt was passed.

Other:

- The tested appliance **does not meet** the requirements to the above mentioned standard(s).

Reason:

The entered water

- is sufficient to interfere with the correct operation of the equipment or impair safety;
 deposit on insulation parts where it could lead to tracking along the creepage distances;
 reach live parts or windings not designed to operate when wet;
 accumulate near the cable end or enter the cable if any.
 The carried out high-voltage test with --- Volt was failed.

Other: