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Translation of the expertise ref. no. 07-IK-0015 done by electrosuisse (German)

Electrosuisse is the recognised professional organisation for electrical-, energy- and information technology, offering services for the whole of the electrical sector.

Expertise concerning IP protection of hinged sealing cover under Electrosuisse ref. no. 07-IK-0015

Dear Mr. Payr

We refer to your visit on March 6th, 2007 at our house and inform you about the result of the splash water testing:

Test objects: hinged sealing covers for chassis connectors

Testing of: 2 mounted sealing covers type N02-4FD SCDX,
mounted in a waterproof housing.
Both covers closed and snapped in place.

*Test position of
mounted housing:* vertical

Test standard: EN 60529 :91 + A1:2002, paragraph 14.2.4

Test conditions: Splash water test below routable pipe IP X4

Circulatory	4.0 l / min.
Die diameter	0.4mm
Pivoting angle	almost 360°
Duration of test	10 min.

Test results (optical inspection after the test):

The demands of splash water protection were met.
The cover inside was dry.
The housing inside was dry.

Test objects: sealing covers



Best regards,
Electrosuisse
Product-Qualification

Ernst Müller
Lab IH-IK

Walter Werder
Lab IH-IK