

SUMMARY EMC TEST REPORT

Subject of test: AFR 31 - Smart Load to Reduce Ferroresonance
Manufacturer: KMB systems, s.r.o.
Test report: P/13/01/48-2 (ABEGU, a.s., ZKUSEBNA)

| CSN EN 61326-1:2006 | | | | |
|--|-------------------|-------------|-----------------------------|-----------------------|
| Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements | | | | |
| Immunity requirements | | | | |
| Test standard | Requirement | Test result | Compliance with requirement | |
| | Level / criterion | | | |
| CSN EN 61326-1:2006 art. 6 tab. 2 CSN EN 61000-4-2 ed.2:2009 | - | - | - | contact discharge |
| | - | - | - | air discharge |
| CSN EN 61326-1:2006 art. 6 tab. 2 CSN EN 61000-4-3 ed.3:2006 | 3 A | 3 A | yes | 0,08 to 1 GHz |
| | 2 A | 3 A | yes | 1,4 to 2 GHz |
| | 1 A | 3 A | yes | 2 to 2,7 GHz |
| CSN EN 61326-1:2006 art. tab. 2 CSN EN 61000-4-4 ed.2:2005 | - | - | - | AC supply |
| | - | - | - | I/O connected to main |
| | 3 B | 4 A | yes | I/O |
| CSN EN 61326-1:2006 art. 6 tab. 2 CSN EN 61000-4-5 ed.2:2007 | - | - | - | AC supply |
| | - | - | - | I/O connected to main |
| | 3 B | 4 A | yes | I/O |
| CSN EN 61326-1:2006 art. 6 tab. 2 CSN EN 61000-4-6 ed.2:2006 | - | - | - | AC supply |
| | - | - | - | I/O connected to main |
| | 2 A | 2 A | yes | I/O |
| Emission requirements | | | | |
| CSN EN 61326-1:2006 art. 7 CSN EN 61000-3-2 ed.3:2006 | - | - | - | harmonic |
| CSN EN 61326-1:2006 art. 7 CSN EN 61000-3-3 ed.2:2009 | - | - | - | voltage fluctuation |
| CSN EN 61326-1:2006 art. 7 CSN EN 55011 ed.2:2007 CSN EN 55022 ed.2:2007 | - | - | - | V-terminal voltage |
| | class A ITE | class A ITE | yes | electromagnetic field |

Date: 11. 6. 2013
Elaborated by: Zdenek Stastny, laboratory manager

