



# CERTIFICATE

## of Compliance

No. DOC-0000340313 J

Konstruktion und Material der aufgelisteten Produkte entsprechen der folgenden Spezifikation

*The construction and material of the listed products comply with the following specification*

<b>Product:</b>	<b>Specification:</b>
<b>SWA 2459/360/7/20/V_1</b> Art. 84039156, Type 1399.17.0106	EN 50155(2001) Climatic Tests: → DOC-0000259580 EN 60068-2-1 Cold temperature EN 60068-2-2 Dry heat EN 60068-2-30 Damp heat cyclic EN 61373 § 9, Cat. 1 Random Vibration EN 61373 § 10, Cat. 1 Mechanical shock EN 60068-2-11 Salt mist EN 60529, IP 65 Ingress protection DIN 75220 UV Radiation EN50124-1(2006-04) Isolation (27.5kV <sub>AC</sub> and 3.8kV <sub>DC</sub> ) → DOC-0000274910 UIC Code – OR 533 protection by earthing the metal parts of vehicles Fire behaviour <ul style="list-style-type: none"> <li>• BS 6853 → for indoor use (m ≤ 100 g) → no requirement</li> <li>• DIN 5510-2 §5.2.2 → for indoor use (m ≤ 300g) → UL94-V1 Fulfilled by use of material LEXAN EXL9330</li> <li>• EN 45545-2 → for indoor use (m ≤ 100 g) → no requirement → for indoor use (m ≤ 500 g) → R24 Fulfilled by use of material LEXAN EXL9330 → Material test LEXAN EXL9330: DOC-0000318203, DOC-0000318201 → Material declaration of non-metal parts: DOC-0000339950</li> </ul>
<b>SOA 2400/360/4/20/V_2</b> Art. 84027317, Type 1324.17.0071  <b>SOA-5600/360/3/20/V_1</b> Art. 84027318, Type 1356.17.0043	EN 50155 (2007) Climatic Tests: → DOC-0000348122 EN 60068-2-1 Cold temperature EN 60068-2-2 Dry heat EN 60068-2-30 Damp heat Random Vibration IEC 61373 § 9, Cat. 2 Mechanical shock IEC 61373 § 10, Cat. 2 → DOC-0000256149 Fire behaviour <ul style="list-style-type: none"> <li>• BS 6853 → for indoor use (m ≤ 100 g) → no requirement</li> <li>• DIN 5510-2 §5.2.2 → for indoor use (m ≤ 300g) → UL94-V1 Fulfilled by use of material LEXAN EXL9330</li> <li>• EN 45545-2 → for indoor use (m ≤ 100 g) → no requirement → for indoor use (m ≤ 500 g) → R24 Fulfilled by use of material LEXAN EXL9330 → Material declaration of non-metal parts: DOC-0000318203, DOC-0000318201, DOC-0000353222</li> </ul>




<b>SWA 2459/360/7/20/V_2</b> Art. 84040934, Type 1399.17.0108 Art. 84043908, Type 1399.17.0111	<p>EN 50155 / EN 60068-2-27 Mechanical shock EN 50155 / EN 60068-2-64 Random Vibration → DOC-0000267156 EN 60529, IP X7 Ingress protection EN 60529, IP 6X Ingress protection → DOC-0000331954 EN 60529, IP X8 Ingress protection → DOC-0000331955</p> <p>DIN 75220 Solar radiation (1992-11) → DOC-0000216938, DOC-0000353369</p> <p>UIC Code – OR 533 protection by earthing the metal parts of vehicles</p> <p>Fire behaviour</p> <ul style="list-style-type: none"><li>• NF F16-101(1988-10), NF F16-102 (1992-04) → for outdoor use (m ≤ 300 g) → no requirement</li><li>• BS 6853 → for outdoor use (m ≤ 400 g) → no requirement</li><li>• DIN 5510-2 §5.2.2 → for outdoor use (m ≤ 300g) → no requirement</li><li>• EN 45545-2 → for indoor use (m ≤ 500 g) → no requirement</li></ul> <p>→ Material declaration of non-metal parts: DOC-0000353269</p>
<b>SWA-2456/360/6/0/MIMO_2</b> Art. 84123697, Type 1399.35.0002	<p>EN 50155 (2007) Climatic Tests: → DOC-0000371011 EN 60068-2-1 Cold temperature EN 60068-2-2 Dry heat EN 60068-2-14 Change of temperature EN 60068-2-30 Damp heat EN 61373 § 9, Cat. 1 Random Vibration EN 61373 § 10, Cat. 1 Mechanical shock</p> <p>Fire behaviour</p> <ul style="list-style-type: none"><li>• BS 6853 → for indoor use (m ≤ 100 g) → no requirement</li><li>• DIN 5510-2 §5.2.2 → for indoor use (m ≤ 300g) → UL94-V1 Fulfilled by use of material LEXAN EXL9330</li><li>• EN 45545-2 → for indoor use (m ≤ 100 g) → no requirement → for indoor use (m ≤ 500 g) → R24 Fulfilled by use of material LEXAN EXL9330</li></ul> <p>→ Material declaration of non-metal parts: DOC-0000371083</p>

**Remarks:**

A general compliance statement against fire standards NF F16-101/102, DIN 5510-2, BS 6853 and EN 45545-2 for the above listed products is available (DOC-0000379069). The mass of combustible materials is listed in the respective material declaration. The compliance statement is based on these documents.

Herisau, 08.06.2015

Issued by:

  
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