





Test Report issued under the responsibility of:



| <b>TEST REPORT</b><br><b>IEC 61984</b><br><b>Connectors – Safety requirements and tests</b>  |   |
|--|---|
| <b>Report Number</b> .....   | 4787709142  |
| <b>Date of issue</b> .....   | 04-13-2017 - Amendment No. 1: 04-21-2017 – Amendment No. 2:<br>07/27/2017 – Correction No. 1: 08-28-2017 – Amendment No. 3:<br>09/25/2018 |
| <b>Total number of pages</b> .....   | 19  |
| <b>Name of Testing Laboratory preparing the Report</b> .....   | <b>UL Northbrook Office</b>   |
| <b>Applicant's name</b> .....  | <b>Tyco Electronics Corp</b>  |
| <b>Address</b> .....   | <b>2901 Fulling Mill Rd</b><br><b>Middletown, PA 17057-3170 USA</b>   |
| <b>Test specification:</b>   |   |
| <b>Standard</b> .....  | IEC 61984:2008  |
| <b>Test procedure</b> .....  | CB Scheme   |
| <b>Non-standard test method</b> .....  | N/A   |
| <b>Test Report Form No.</b> .....  | IEC61984C   |
| <b>Test Report Form(s) Originator</b> ....   | VDE Prüf- und Zertifizierungsinstitut GmbH  |
| <b>Master TRF</b> .....  | Dated 2017-06   |
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|---|---|---|
| <b>Test item description</b> ..... :  | Connector System  |   |
| <b>Trade Mark</b> ..... :   |    |   |
| <b>Manufacturer</b> .....   | Tyco Electronics Corp<br>2901 Fulling Mill Rd<br>Middletown, PA 17057-3170 USA  |   |
| <b>Model/Type reference</b> .....   | X-2213858-X, X-2213795-X, X-2213831-X, X-2213837-X, X-2328823-X, X-2329013-X<br><br>X is a suffix/prefix for aesthetic differences that do not affect ratings or attributes shown in TABLE: characteristic features |   |
| <b>Ratings</b> .....  | [X-2213858-X, X-2213831-X, X-2213837-X]: 30V AC/DC 50/60 Hz, 1.5A<br><br>[X-2213795-X]: N/A (Sealing Cap)<br><br>[X-2328823-X, X-2329013-X]: N/A (Plastic Domes)  |   |
| <b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b> |   |   |
| <input checked="" type="checkbox"/>   | <b>CB Testing Laboratory:</b>   |   |
| <b>Testing location/ address</b> .....  | UL Northbrook Office<br>333 Pfingsten Rd<br>Northbrook, IL 60062 USA  |   |
| <b>Tested by (name, function, signature)</b> ..... :  | Zainab Osman<br>Project Handler   |  |
| <b>Approved by (name, function, signature) .. :</b>   | Kathleen King<br>Reviewer   |  |
| <input type="checkbox"/>  | <b>Testing procedure: CTF Stage 1:</b>  |   |
| <b>Testing location/ address</b> .....  |   |   |
| <b>Tested by (name, function, signature)</b> ..... :  |   |   |
| <b>Approved by (name, function, signature) .. :</b>   |   |   |
| <input type="checkbox"/>  | <b>Testing procedure: CTF Stage 2:</b>  |   |
| <b>Testing location/ address</b> .....  |   |   |
| <b>Tested by (name + signature)</b> .....   |   |   |
| <b>Witnessed by (name, function, signature) .. :</b>  |   |   |

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|--|--|--|--|
| <b>Approved by (name, function, signature) ..:</b> |  |  |  |
| <input type="checkbox"/>                           | <b>Testing procedure: CTF Stage 3:</b> |  |  |
| <input type="checkbox"/>                           | <b>Testing procedure: CTF Stage 4:</b> |  |  |
| <b>Testing location/ address .....</b>             |  |  |  |
| <b>Tested by (name, function, signature).....:</b> |  |  |  |
| <b>Witnessed by (name, function, signature) .:</b> |  |  |  |
| <b>Approved by (name, function, signature) ..:</b> |  |  |  |
| <b>Supervised by (name, function, signature) :</b> |  |  |  |

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| <b>List of Attachments (including a total number of pages in each attachment):</b><br><b>Page 16: Pictures of Dome X-2329013-X (1 page)</b><br><b>Page 17 &amp; 18: Dimensional drawing of Dome Model X-2328823-X (2 pages)</b><br><b>Page 19: Dimensional drawing of Dome Model X-2329013-X (1 page)</b> |  |
| <b>Summary of testing:</b>  |  |
| <b>Tests performed (name of test and test clause):</b><br>Degree of Protection IP Code, IEC 61984 7.3.6.3 & 7.3.7   | <b>Testing location:</b><br>UL Northbrook Office<br>333 Pfingsten Rd<br>Northbrook, IL 60062 USA |
| <b>Summary of compliance with National Differences (List of countries addressed):</b><br>N/A  |  |
| <input checked="" type="checkbox"/> <b>The product fulfils the requirements of IEC 61984 ed2 and with EN 61984:2009</b>   |  |