

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L28476-1129-82805102-4
Report Reference E28476-20150828
Date 20-Jan-2022

Issued to: TYCO Electronics Corp
2901 Fulling Mill Rd Middletown, PA 17057
United States

**This is to certify that
representative samples of**

ECBT2 - Connectors for Use in Data, Signal, Control and
Power Applications - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

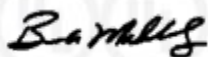
Standard(s) for Safety: UL 1977, 3rd Ed., Issue Date: 2016-01-07, Revision Date:
2020-11-17

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark.
Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

| Model | Category Description |
|---|----------------------|
| Cat. No. HDC, followed by -HA, followed by -010, -016 or -032, followed by MC, FC. | Connector |
| Cat. No. HDC, followed by -HA, followed by -003, -004, -010, -016 or -032, followed by M, F. | Connector |
| Cat. NO. HDC, followed by -HD, followed by -007, -008, followed by M, F. | Connector |
| Cat. No. HDC, followed by -HD, followed by -015, -025, -040, -050, -064, -080 or -128, followed by M, F or FJ | Connector |
| Cat. No. HDC, followed by -HD, followed by -040, followed by M, F or FJ, followed by 41-80. | Connector |
| HDC, followed by -HA, followed by -003, -004, followed by MS, FS. | Connector |
| HDC, followed by -HA, followed by -016, followed by M, F, MC, FC, followed by 17-32. | Connector |
| HDC, followed by -HD, followed by -007, followed by M1. | Connector |
| HDC, followed by -HD,, followed by -025, followed by M, F, followed by 26-50. | Connector |
| HDC, followed by -HD, followed by -064, followed by M, F or FJ, followed by 65-128. | Connectors |
| HDC, followed by -HDD, followed by -016, -072, -108, -144 or -216, followed by M, F. | Connectors |
| HDC, followed by -HDD,, followed by -024, -042, followed by M, F, FJ. | Connectors |
| HDC, followed by -HDD, followed by -072, followed by M, F, followed by 73-144. | Connector |
| HDC, followed by -HDD, followed by -108, followed by M, F, followed by 109-216. | Connector |
| HDC, followed by -HQ, followed by -005, -007, -008, -012, -017, followed by M or F. | Connector |
| HDC, followed by -HQ, followed by 4/2, followed by -M or -F. | Connector |
| HDC-HD-025F/Z | Connectors |
| HDC-HD-025M/Z | Connectors |
| HDC-HQ-002F | Connector |
| HDC-HQ-002M | Connector |
| HDC-HQ-002PF | Connector |
| HDC-HQ-002PM | Connector |
| HDC-HQ-003F | Connector |
| HDC-HQ-003M | Connector |

B. Mahrenholz

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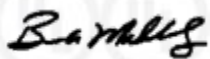
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| | |
|--------------|------------|
| HDC-HQ-003PF | Connector |
| HDC-HQ-003PM | Connector |
| HDC-HQ-021F | Connector |
| HDC-HQ-021M | Connector |
| HQ-D-032-F | Connectors |
| HQ-D-032-M | Connectors |



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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2201340-2
Report Reference E28476-20150828
Date 20-Jan-2022

Issued to: TYCO Electronics Corp
2901 Fulling Mill Rd Middletown, PA 17057
United States

**This is to certify that
representative samples of**

ECBT8 - Connectors for Use in Data, Signal, Control and
Power Applications Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
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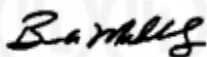
Standard(s) for Safety: CSA C22.2 NO. 182.3, 2nd Ed., Issue Date: 2016-07-01,
Revision Date: 2019-01-01

Additional Information: See the UL Online Certifications Directory at
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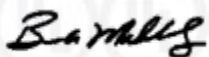


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| Cat. No. HDC, followed by -HA, followed by -003, -004, -010, -016 or -032, followed by M, F. | Connector |
| Cat. NO. HDC, followed by -HD, followed by -007, -008, followed by M, F. | Connector |
| HDC, followed by -HA, followed by -003, -004, followed by MS, FS. | Connector |
| HDC, followed by -HA, followed by -016, followed by M, F, MC, FC, followed by 17-32. | Connector |
| HDC, followed by -HD, followed by -007, followed by M1. | Connector |
| HDC, followed by -HQ, followed by -005, -007, -008, -012, -017, followed by M or F. | Connector |
| HDC, followed by -HQ, followed by 4/2, followed by -M or -F. | Connector |
| HDC-HQ-002F | Connector |
| HDC-HQ-002M | Connector |
| HDC-HQ-002PF | Connector |
| HDC-HQ-002PM | Connector |
| HDC-HQ-003F | Connector |
| HDC-HQ-003M | Connector |
| HDC-HQ-003PF | Connector |
| HDC-HQ-003PM | Connector |
| HDC-HQ-021F | Connector |
| HDC-HQ-021M | Connector |
| HQ-D-032-F | Connectors |
| HQ-D-032-M | Connectors |



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