



Certificate of Compliance

Certificate: 2783869 **Master Contract:** 158887
Project: 80263856 **Date Issued:** 2025-11-19
Issued to: **PHOENIX CONTACT GmbH & Co. KG** **Issued by:** *Manikandan N*
Flachsmarkstraße 8
Blomberg, North Rhine-
Westphalia D-32825
Germany
Attention: Ravi Sharma

The products listed below are eligible to bear the CSA Mark shown



PRODUCTS

Class 6233 01 RECEPTACLES - Attachment Plug Type and Plugs

Special-use Connectors for use with stranded copper conductor, not rated for interrupting current:

HeavyCon

Model(s)	Voltage (V)	Current (A)	Wire Size (AWG)	Torque (N · m)	Notes
HC-HS 6-I-UT-F	600	32	10	1.2	1
HC-HS 6-I-UT-M	600	32	10	1.2	1
HC-HS-06-I-PT-F	600	30	10	1.2	4
HC-HS-06-I-PT-M	600	30	10	1.2	4
HC-Q02-I-AT-F	600	45	8 AWG line/load with 10 AWG PE	1.5	3
HC-Q02-I-AT-M	600	45	8 AWG line/load with 10 AWG PE	1.5	3



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HC-Q02-I-AT-HV-F	800	45	8 AWG line/load with 10 AWG PE	1.5	3
HC-Q02-I-AT-HV-M	800	45	8 AWG line/load with 10 AWG PE	1.5	3
HC-Q05-I-CT-F	600	15	14	--	2
HC-Q05-I-CT-M	600	15	14	--	2
HC-Q07-I-CT-F	600	13.5	14	--	2
HC-Q07-I-CT-M	600	13.5	14	--	2
HC-Q07-I-CT-F-42V-Metal	42	10	14	--	2
HC-Q07-I-CT-M-42V-Metal	42	10	14	--	2
HC-Q12-I-CT-F	600	12	14	--	2
HC-Q12-I-CT-M	600	12	14	--	2
HC-BB 10-I-CT-F	600	18	12	--	2
HC-BB 10-I-CT-M	600	18	12	--	2
HC-BB 18-I-CT-F	600	16	12	--	2
HC-BB 18-I-CT-M	600	16	12	--	2
HC-BB 32-I-CT-F	600	13.5	12	--	2
HC-BB 32-I-CT-M	600	13.5	12	--	2
HC-BB 46-I-CT-F	600	13.5	12	--	2
HC-BB 46-I-CT-M	600	13.5	12	--	2
HC-D 7-I-CT-F	600	10	14	--	2
HC-D 7-I-CT-M	600	10	14	--	2
HC-D 8-I-CT-F	600	10	14	--	2
HC-D 8-I-CT-M	600	10	14	--	2
HC-D 15-I-CT-F	600	8	14	--	2
HC-D 15-I-CT-M	600	8	14	--	2
HC-D 25-I-CT-F	600	8	14	--	2
HC-D 25-I-CT-M	600	8	14	--	2
HC-D 40-I-CT-F	600	7	14	--	2
HC-D 40-I-CT-M	600	7	14	--	2
HC-D 64-I-CT-F	600	7	14	--	2
HC-D 64-I-CT-M	600	7	14	--	2
HC-K 6/0-EBUS	600	60	6-10	1.8	1
HC-K 6/0-ESTS	600	60	6-10	1.8	1
HC-D 40-A-UT-PEL/PER-F	600	7	14	0.5	1



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HC-D 40-A-UT-PEL/PER-M	600	7	14	0.5	1
HC-D 40-A-TWIN-PEL/PER-F	600	7	14	--	3
HC-D 40-A-TWIN-PEL/PER-M	600	7	14	--	3
HC-D 64-A-UT-PEL/PER-F	600	7	14	0,5	1
HC-D 64-A-UT-PEL/PER-M	600	7	14	0.5	1
HC-D 64-A-TWIN-PEL/PER-F	600	7	14	--	3
HC-D 64-A-TWIN-PEL/PER-M	600	7	14	--	3
HC-D 40-PTT-F	600	8	14	--	4
HC-D 40-PTT-M	600	8	14	--	4
HC-D 64-PTT-F	600	7	14	--	4
HC-D 64-PTT-M	600	7	14	--	4
HC-M-12-CT-F	600	12	14	--	2
HC-M-12-CT-M	600	12	14	--	2
HC-M-17-CT-F	600	10	14	--	2
HC-M-17-CT-M	600	10	14	--	2
HC-M-06-CT-F	600	18	12	--	2
HC-M-06-CT-M	600	18	12	--	2
HC-M-06P-CT-F	600	18	12	--	2
HC-M-06P-CT-M	600	18	12	--	2
HC-M-08-CT-F	600	16	12	--	2
HC-M-08-CT-M	600	16	12	--	2
HC-M-20-CT-F	600	14	12	--	2
HC-M-20-CT-M	600	14	12	--	2
HC-M-25-CT-F	50	4	20	--	2
HC-M-25-CT-M	50	4	20	--	2
HC-M-02-CT-F-10	600	34	10	--	2
HC-M-02-CT-M-10	600	34	10	--	2
HC-M-03-CT-F	600	33	10	--	2
HC-M-03-CT-M	600	33	10	--	2
HC-M-04-CT-F	600	30	10	--	2
HC-M-04-CT-M	600	30	10	--	2
HC-M-03/04-CT-F	600	10/10(Signal) 33/1(Signal)	10	--	2



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HC-M-03/04-CT-M	600	10/10(Signal) 33/1(Signal)	10	--	2
HC-M-02-CT-F-HV16	600	24	12	--	2
HC-M-02-CT-M-HV16	600	24	12	--	2
HC-M-02-AT-F-10	600	45	8/10/12/14	2/2/1.5/1.5	3
HC-M-02-AT-M-10	600	45	8/10/12/14	2/2/1.5/1.5	3
HC-M-02-AT-F-16	600	54	6	6	3
HC-M-02-AT-M-16	600	54	6	6	3
HC-M-02L-AT-M-16	600	54	6	6	3
HC-M-02-AT-F-25	600	92	4	7	3
HC-M-02-AT-M-25	600	92	4	7	3
HC-M-02-AT-F-35	600	100	2/4/6/8	8/7/6/6	3
HC-M-02-AT-M-35	600	100	2/4/6/8	8/7/6/6	3
HC-M-01-AT-F40	600	116	00/1/2/4	10/9/8/8	3
HC-M-01-AT-M40	600	116	00/1/2/4	10/9/8/8	3
HC-TSC-M-06-PT-M	600	20	12	--	4
HC-TSC-M-06-PT-F	600	20	12	--	4
HC-M-01-CT-F-35	1000	100	2	--	2
HC-M-01-CT-M-35	1000	100	2	--	2
HC-M-01-PT-F-16	1000	76	6	--	4
HC-M-01-PT-M-16	1000	76	6	--	4
HC-M-02-PT-F	600	30	10	--	4
HC-M-02-PT-M	600	30	10	--	4
HC-M-03-PT-F	600	30	10	--	4
HC-M-03-PT-M	600	30	10	--	4
HC-M-04-PT-F	600	30	10	--	4
HC-M-04-PT-M	600	30	10	--	4
HC-M-05-PT-F	600	15	14	--	4
HC-M-05-PT-M	600	15	14	--	4
HC-M-05L-TPT-F	600	12	16	--	4
HC-M-05L-TPT-M	600	12	16	--	4
HC-A-03-I-UT-M	600	18	14	0.5	1
HC-A-03-I-UT-F	600	18	14	0.5	1



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HC-A-04-I-UT-M	600	18	14	0.5	1
HC-A-04-I-UT-F	600	18	14	0.5	1
HC-A-10-I-UT-M	600	15	14	1.2	1
HC-A-10-I-UT-F	600	15	14	1.2	1
HC-A10-I-CT-M	250	16	12	--	2
HC-A10-I-CT-F	250	16	12	--	2
HC-A16-I-CT-M	250	16	12	--	2
HC-A16-I-CT-F	250	16	12	--	2
HC-A16-I-CT-M-32	250	16	12	--	2
HC-A16-I-CT-F-32	250	16	12	--	2
HC-A-16-I-UT-M	600	15	14	1.2	1
HC-A-16-I-UT-F	600	15	14	1.2	1
HC-A03-I-PT-F	600	15	16	--	4
HC-A03-I-PT-M	600	15	16	--	4
HC-A04-I-PT-F	600	14	16	--	4
HC-A04-I-PT-M	600	14	16	--	4
HC-A10-I-PT-F	600	14	14	--	4
HC-A10-I-PT-M	600	14	14	--	4
HC-A16-I-PT-F	600	13	14	--	4
HC-A16-I-PT-M	600	13	14	--	4
HC-M-08-GBIT-CT-F	50	5	22	--	2
HC-M-08-GBIT-CT-M	50	5	22	--	2
HC-M-RJ45-AD-PC-M	--	--	--	--	5
HC-M-RJ45-08-M	--	--	--	--	5
HC-M-RJI-AD-08-PC-M	--	--	--	--	5
HC-M-RJ45-08-GC-F/F	--	--	--	--	5
HC-M-04-SCFC-F	--	--	--	--	5
HC-M-04-SCFC-M	--	--	--	--	5
HC-M-04-LCFC-F	--	--	--	--	5
HC-M-04-LCFC-M	--	--	--	--	5
HC-M-03-PN-M-F	--	--	--	--	5
HC-M-02-PN-M-F	--	--	--	--	5
HC-M-04-KT-F	--	--	--	--	5



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HC-M-04-KT-M	--	--	--	--	5
HC-M-02-EMC-F	--	--	--	--	5
HC-M-02-EMC-M	--	--	--	--	5
HC-B06-I-TPT-M	600	11	16	--	4
HC-B06-I-TPT-F	600	11	16	--	4
HC-B10-I-TPT-M	600	11	16	--	4
HC-B10-I-TPT-F	600	11	16	--	4
HC-B16-I-TPT-F	600	11	16	--	4
HC-B16-I-TPT-M	600	11	16	--	4
HC-B24-I-TPT-F	600	10	16	--	4
HC-B24-I-TPT-M	600	10	16	--	4
HC-M-B06-MF-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B06-MFH-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B10-MF-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B10-MFH-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B16-MF-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B16-MFH-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B24-MF-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B24-MFH-H	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B06-MF-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B06-MFH-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B10-MF-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B10-MFH-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B16-MF-B	--	--	12-10 18-14	1,2 0,8	6, 8



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HC-M-B16-MFH-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B24-MF-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-B24-MFH-B	--	--	12-10 18-14	1,2 0,8	6, 8
HC-M-00	--	--	--	--	7
HC-M-B06-DOCK-H	--	--	--	--	9
HC-M-B10-DOCK-H	--	--	--	--	9
HC-M-B16-DOCK-H	--	--	--	--	9
HC-M-B24-DOCK-H	--	--	--	--	9
HC-M-B06-DOCK-B	--	--	--	--	9
HC-M-B10-DOCK-B	--	--	--	--	9
HC-M-B16-DOCK-B	--	--	--	--	9
HC-M-B24-DOCK-B	--	--	--	--	9
HC-COM-Q4/2-I-CT-M-PL	600 (Power) 600 (Signal)	38A(Power) 10A(Signal)	8 (Power) 14 (Signal)	--	2
HC-COM-Q4/2-I-CT-F-PL	600 (Power) 600 (Signal)	38A(Power) 10A(Signal)	8 (Power) 14 (Signal)	--	2
HC-M-B06-MFH-B-CI	--	--	12-10 18-14	--	6, 8
HC-M-B06-MFH-H-CI	--	--	12-10 18-14	--	6, 8
HC-M-B10-MFH-H-CI	--	--	12-10 18-14	--	6, 8
HC-M-B10-MFH-B-CI	--	--	12-10 18-14	--	6, 8
HC-M-B16-MFH-H-CI	--	--	12-10 18-14	--	6, 8
HC-M-B24-MFH-H-CI	--	--	12-10 18-14	--	6, 8
HC-M-B24-MFH-B-CI	--	--	12-10 18-14	--	6, 8
HC-M-B16-MFH-B-CI	--	--	12-10 18-14	--	6, 8

Notes:

1. Multi-pole connectors employing pressure wire contacts (-UT) termination type with specified torque value.



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2. Multi-pole connectors with crimp-type terminals (-CT) intended for factory assembly on specified copper wire size.
 3. Multi-pole connectors with axial-screw terminals (-AT) intended for factory assembly on specified copper wire size.
 4. Multi-pole connectors with push-in terminals (-PT) intended for factory assembly on specified copper wire size.
 5. Module Adapter Housing (Connector Accessories only).
 6. HC-M Snap-In Frames are intended for use with HC-M Series connectors only.
 7. Dummy Module.
 8. Carrier frame may consist of connector PE Power side for 12-10 AWG and PE Control side for 18-14 AWG bonding conductor.
 9. HC-M Docking Frames -H mated to -B are intended for use with HC-M Series connectors up to 30A max.
 10. Cat Nos may be followed by additional suffixes denoting colors, customer identifications, plating options.

APPLICABLE REQUIREMENTS

CSA C22.2 NO. 182.3-16 (Second Edition) - Special use attachment plugs, receptacles, and connectors



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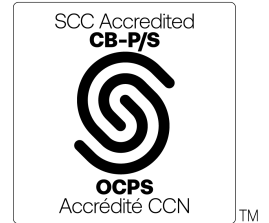
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Notes:

Products certified under Class(es) C623301 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80263856	2025-11-19	Update to report 2783869 to add Special-use Connectors Cat. Nos. HC-M-03-PT-F, HC-M-03-PT-M, HC-M-04-PT-F, HC-M-04-PT-M, HC-M-02-PT-F, HC-M-02-PT-M, HC-HS-06-I-PT-M & HC-HS-06-I-PT-F.
80229087	2025-03-27	Update to report 2783869 to add Special-use Connectors Cat. Nos. HC-M-01-CT-F-35, HC-M-01-CT-M-35, HC-M-01-PT-M-16, and HC-M-01-PT-F-16.
80162815	2023-09-01	Add Cat Nos HC-COM-Q4/2-I-CT-M-PL, HC-COM-Q4/2-I-CT-F-PL.
80142640	2023-02-10	Add Cat Nos HC-M-B06-DOCK-H, HC-M-B10-DOCK-H, HC-M-B16-DOCK-H, HC-M-B24-DOCK-H, HC-M-B06-DOCK-B, HC-M-B10-DOCK-B, HC-M-B16-DOCK-B, HC-M-B24-DOCK-B.
80133264	2023-01-31	Add Model HC-M-02L-AT-M-16.
80131008	2022-12-23	Add alternate grounding and bonding Pin Series HC-M-B.
80029456	2020-12-21	Add Cat Nos HC-A10-I-CT-M, HC-A10-I-CT-F, HC-A16-I-CT-M, HC-A16-I-CT-F, HC-A16-I-CT-M-32, HC-A16-I-CT-F-32.
70189578	2018-10-16	Add HC-Q02-I-CT-M/F, HC-Q03-I-CT-M/F, HC-Q04-I-CT-M/F.
70183917	2018-06-20	Add Cat Nos HC-D40-PTT-M/F, HC-D64-PTT-M/F.
70150574	2017-08-11	Add HC-A03-I-PT-M/F, HC-A04-I-PT-M/F.
70130140	2017-06-07	Add Cat Nos HC-M-05L-TPT-M/F.
70130289	2017-06-01	Add Cat Nos HC-M-25-CT-M, HC-M-25-CT-F and increase in voltage rating for HC-M-CT Series.



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70101025	2017-02-27	Add snap-in frame for Series HC-M.
70114192	2017-01-31	Add Cat No HC-BXX-I-TPT-M/F.
70105998	2017-01-26	Add Cat Nos HC-M-08-GBIT-CT-M/F and module adapters.
70106899	2016-11-29	Add Cat Nos HC-A10-I-PT-F, HC-A10-I-PT-M, HC-A16-I-PT-F, HC-A16-I-PT-M.
70094987	2016-11-01	Add Cat Nos HC-M-02-AT-16 AND HC-M-02-AT-25.
70098181	2016-09-29	Add Cat Nos HC-Q07-I-CT-M, HC-Q07-I-CT-F, HC-Q12-I-CT-M, HC- Q12-I-CT-F.
70063507	2016-06-10	Add HC-A Series.
70074537	2016-05-17	Series HC-M, AT, HC-M-PT, HC-M-CT.
70066181	2016-04-19	Add Series HC-M with suffixes.
70038533	2015-09-15	Add Series HC-D-40(64)-A-UT(TWIN)-PEL(PER)-M(F).
70025716	2015-04-10	Add Cat Nos HC-K 6/0-EBUS, HC-K 6/0-ESTS.
2785210	2015-03-09	Add Cat No HC-D x-I-CT Series.
2785209	2015-02-05	Add Cat Nos HC-BB 10, HC- BB 18, HC-BB 32, HC-BB 46 + HC-BB 46 with poles numbered 33-64 and 47-92; HC-Q05-I-CT-F, HC-Q05-I-CT-M.
2783869	2015-01-22	Add Cat Nos HC-HS 6-I-UT-F, HC- HS 6-I-UT-M.