

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Power supply

Managed Rack Power Distribution Units (strip-shaped)

Name and address of the applicant

LIEBERT Corp.

975 Pittsburgh Drive, Delaware, Ohio 43015 - USA

Name and address of the manufacturer

LIEBERT Corp.

975 Pittsburgh Drive, Delaware, Ohio 43015 - USA

Name and address of the factory

 Additional Information on page 2

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

See Annex

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

MPHvwxy(-z) (See Annex)

Additional information (if necessary may also be reported on page 2)

Supersedes CBTC FR_700302 dated 03/03/2017.

New: name of one factory and trade mark

Remove a factory

Update the list of product references

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60950-1:2005 +A1:2009 +A2:2013

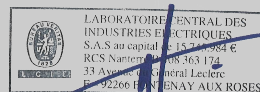
As shown in the Test Report Ref. No. which forms part of this Certificate

14TH0074-60950_5

This CB Test Certificate is issued by the National Certification Body



LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



Date: 16/04/2018

Signature: **Gilles LEMONNIER**
Certification Officer



Ref. Certif. No.

FR_700302/M1

ANNEX

Name and address of the factories:

Vertiv Czech Republic s.r.o.
Nisovice 9; 38701 Volyne ; CZECH REPUBLIC

Emerpowsys, S. de R.L. de C.V
Av. Industrial Reynosa Lote 12-A; Reynosa Industrial Center; Reynosa, Tamaulipas 88680 ; MEXICO

Benchmark Electronics (Suzhou) Co., Ltd
111 Ting Lan Lane; Suzhou Industrial Park; Suzhou Jiangsu 215026 ; CHINA



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Nomenclature: MPHvwx(-z)

| vwxy(-z) | property | value | description | |
|----------|---|---------------------|--|--------------------------------|
| V | metering functions and outlet switchability | - (dash) | elementary; no metering function; no switched outlets | |
| | | B | Metered Branch Circuit without electronic assemblies in outlet modules | |
| | | C | Metered Branch Circuit & Switched Outlet like R-types, but with reduced number of CTs (only two per outlet module) | |
| | | M | Metered Outlet like R-types, but without relays | |
| | | R | Metered & Switched Outlet fully assembled with max. number of relays and CTs | |
| W | form factor | 1 | Full Height Single Wide Vertical | |
| | | 3 | Shorter Height Single Wide Vertical | |
| X | receptacle types | 0... 9; A... Z | for future use if not listed below | |
| | for vw = -1 or B1 | 0 | 21 x C13 & 6 x C19 & 9 x 5-20R | |
| | | 1 | 36 X 5-20R | |
| | | 2 | 30 X C13 & 6 X C19 | |
| | | 3 | 18xC13&12xC19 | |
| | | 4 | 20 X C13 & 4 X C19 & 12 X 5-20R | |
| | | 5 | 42 X C13 | |
| | | 6 | 12 X C13 & 12 X C19 | |
| | | 7 | 24 X C13 & 6 X C19 | |
| | | 8 | 36 X C13 | |
| | | 9 | 24 X C13 & 12 X C19 | |
| | | A | 18 x CEE 7/3 (SCHUKO) | |
| | | for vw = C1; M1; R1 | 0 | 21 x C13 & 6 x C19 & 9 x 5-20R |
| | | | 1 | 18xC13&6xC19 |
| | 2 | | 24 X C13 | |
| | 3 | | 6xC13&12xC19 | |
| | 4 | | 18 X 5-20R | |
| | 5 | | 12 x C13 & 4 C19 & 6 5-20R | |
| | 6 | | 18 X C13 & 6 X 5-20R | |
| | 7 | | 10xC13&10xC19 | |
| | 8 | | 12 x C13 & 12 x C19 | |
| | 9 | | 24 x 5-20R | |
| | for vw = -3; B3 | 1 | 21 X C13 | |
| | | 2 | 17xC13&2xC19 | |
| | | 3 | 18 X 5-20R | |
| | for vw = C3; M3; R3 | 1 | 16 X C13 | |
| | | 2 | 14 X C13 & 2 X C19 | |
| | | 3 | 8 x C13 | |



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| y | Voltage, Amperage, Plug type (50/60 Hz for all models) | 00...ZZ | for future use if not listed below |
|---|--|-------------|---|
| | | 01 | 100 - 120 V; 12 A; 1/N/PE; NEMA 5-15 |
| | | 02 | 100 - 120 V; 16 A; 1/N/PE; NEMA 5-20 |
| | | 03 | 100 - 120 V; 16 A; 1/N/PE; NEMA L5-20 |
| | | 04 | 100 - 120 V; 24 A; 1/N/PE; NEMA L5-30 |
| | | 11 | 200 - 240 V; 16 A; 2/PE; NEMA L6-20 |
| | | 12 | 200 - 240 V; 24 A; 2/PE; NEMA L6-30 |
| | | 13 | 100 - 120/200 - 240 V; 24 A; 2/N/PE; NEMA L14-30 |
| | | 21 | 100 - 120/173 - 208 V; 16 A; 3/N/PE; NEMA L21-20 |
| | | 22 | 200 - 240 V; 24 A; 3/PE; NEMA L15-30 |
| | | 23 | 100 - 120/173 - 208 V; 24 A; 3/N/PE; NEMA L21-30 |
| | | 24 | 200 - 240 V; 40 A; 3/PE; CS8365C |
| | | 25 | 200 - 240 V; 48 A; 3/PE; IEC 60309 |
| | | 26 | reserved |
| | | 27 | 200 - 240 V; 16 A; 3/PE; NEMA L15-20 |
| | | 31 | 200 - 240/346 - 415 V; 24 A; 3/N/PE; NEMA L22-30 |
| | | 32 | 200 - 240/346 - 416 V; 16 A; 3/N/PE; NEMA L22-20 |
| | | 41 | 100 - 240 V; 16 A; 1/N/PE; IEC C20 appliance inlet (no |
| | | 42 | 200 - 240 V; 16 A; 1/N/PE; IEC 60309 |
| | | 43 | 200 - 240 V; 32 A; 1/N/PE; IEC 60309 |
| | | 44 | 200 - 240/346 - 415 V; 16 A; 3/N/PE; IEC 60309 |
| | | 45 | 200 - 240/346 - 415 V; 32 A; 3/N/PE; IEC 60309 |
| | | 50 | 200 - 240 V; 2/PE; 24 A; Hardwire |
| | | 51 | 100 - 120 V; 2/PE; 24 A; Hardwire |
| | | 52 | 200 - 240 V; 16 A; 3/PE; Hardwire |
| | | 53 | 100 - 120/173 - 208 V; 16 A; 3/N/PE; Hardwire |
| | | 54 | 200 - 240 V; 24 A; 3/PE; Hardwire |
| | | 55 | 100 - 120/173 - 208 V; 24 A; 3/N/PE; Hardwire |
| | | 56 | 200 - 240 V; 48 A; 3/PE; Hardwire |
| | | 57 | reserved |
| | | 58 | 200 - 240/346 - 415 V; 24 A; 3/N/PE; Hardwire |
| | | 60 | 200 - 240 ; 32 A; 1/N/PE; Hardwire |
| | | 61 | 200 - 240/346 - 415 V; 16 A; 3/N/PE; Hardwire |
| | | 62 | 200 - 240/346 - 415 V; 32 A; 3/N/PE; Hardwire |
| - | color (optional) | - or 0... Z | |
| z | optional suffix for customized models | 000... ZZZ | example: MPH1945-001 provides 16A fuses instead of CBs |



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