

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.

MPHvwx(-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

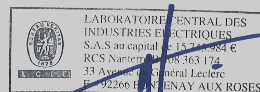
As shown in the Test Report Ref. No. which forms part of this Certificate

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



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

ANNEX

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



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

ANNEX

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



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



Signature: **Gilles LEMONNIER**
Certification Officer

Date: 16/04/2018