


## Zeichengenehmigungsausweis Certificate of marking usage authorization

**Genehmigungsinhaber:** LIEBERT Corp.  
*Licence Holder:* 975 Pittsburgh Drive; Delaware, Ohio 43015, USA

**Fertigungsstätte:** Vertiv Czech Republic s.r.o.  
*Manufacturing site:* Nisovice 9, 38701 Volyne, CZECH REPUBLIC

**Produkt-Typ:** Managed Rack Power Distribution Units (19inch system)  
*Product type:*

**Markenname (falls vorhanden):**   
*Brand name (if any):*

**Modell:** MPHvwx(-z)  
*Model:* see annex for explanation of model variants

**Nenndaten:** Siehe Anhang / See Annex  
*Ratings:*

**Zulassungszeichen:**  
*Certification mark:*



Der Zertifikatsinhaber ist berechtigt, das beschriebene Produkt mit dem BG-Zeichen in der abgebildeten Form zu verwenden.  
*The Licence Holder has the right to use the BG mark in this applicable version for this product.*

Dieser Genehmigung liegen unsere Zertifizierungsregeln zugrunde. *The present approval is submitted to our Certification rules.*

**Norm:** EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011  
*Standard:*

**Prüfbericht Nr.:** 15TH0178-60950\_1  
*Test Report N°:*

**Weitere Angaben :** Ersatz für das Zertifikat N° / Replaces the certificate N°: 16-010  
*Additional information (if any):*

- Zusatz neuer Modelle / Addition of new models
- Änderung der Fertigungsstätten / change of factory locations
- Änderung des Markennamens / change of trade mark

weitere Normen / additional standards:

- IEC 60950-1:2005 (Second Edition) + A1:2009 + A2:2013

**Zertifikat Nr.:** 221-01-EEBG P18  
*Certificate no.:*

**Ausstellungsdatum:** 10.08.2018  
*issue date:*

**Gültig bis:** 18.01.2021  
*Valid until:*



Zertifizierungsstelle nach IEC/ISO 17065 / certification Body according IEC / ISO 17065



**BUREAU  
VERITAS**

## Anhang 1 zu Zertifikat 221-01-EEBG P18 Annex 1 to certificate

<b>Nomenclature: MPHvwx(-z)</b>			
<b>vwxy(-z)</b>	<b>property</b>	<b>value</b>	<b>description</b>
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	2	single height unit
		6	double height unit
x	receptacle types	1...9; A...Z	for future use if not listed below
	for vw = -2 or B2	1	12 x C13
		2	2 x C13 & 6 x C19
		3	8 x C13 & 2 x C19
		4	9 x NEMA 5-20R
	for vw = C2; M2; R2	1	9 x C13
		2	9 x NEMA 5-20R
		3	2 x C13 & 6 x C19
		4	6 x C13 & 2 x C19
		5	6 x C13 & 2 x NEMA 5-20R
	for vw = B6	1	28 x C13
		2	4 x C13 & 12 x C19
		3	16 x C13 & 4 x C19
		4	18 x NEMA 5-20R
		5	14 x C13 & 6 x C19
		6	17 x C13 & 3 x C19
		7	8 x C13 & 12 x C19
		8	6 x NEMA L6-30R
	for vw = C6; M6; R6	1	18 x C13
		2	18 x NEMA 5-20R
3		4 x C13 & 12 x C19	
4		12 x C13 & 4 x C19	
5		12 x C13 & 4 x NEMA 5-20R	
6		11 x C13 & 6 x C19	
7		15 x C13 & 2 x C19	
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



**BUREAU  
VERITAS**

**Anhang 2 zu Zertifikat 221-01-EEBG P18**  
*Annex 2 to certificate*

		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 - 415 V; 16 A; 3/N/PE; NEMA L22-20
		41	100 - 240 V; 16 A; 1/N/PE; IEC C20 appliance inlet (no cord)
		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
		46	Reserved
		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
-z	optional suffix for customized models	000...ZZZ	e.g. fuses instead of CBs