

LCHP-4CEE

Compensation of operational leakage currents **up to 500 mA (RMS)** in the frequencies **150 Hz, 450 Hz, 750 Hz and 1050 Hz**

Use of RCCBs/RCDs with a **residual current of 30 mA** (or higher) possible in accordance with **DIN VDE 0100-530**

Also for use on a short-time delayed, AC/DC sensitive **residual current circuit breaker type B / B+** as required by **DIN VDE 0100-723** for "classrooms with experimental equipment"



Portable power distributor with integrated leakage current compensation device

		Nom. current (A)		Nom. voltage (VAC)		Weight (kg)		Dimensions (mm)			Simultaneity factor (RDF)		Quantity CEE plugs Input / Output		Quantity poles Input / Output		Connection Line-Load		Earth		Article number		Remarks	
				H	B	T																		
LCHP-4CEE-16A	16	400	10	339	270	280	0,25	16 A: 1x / 4x	5	2 m H07RN-F 5G2,5	-	50275662	-											
LCHP-4CEE-32A	32		10	339	270	280	0,25	32 A: 1x / 4x	5	2 m H07RN-F 5G6	-	50275685	-											

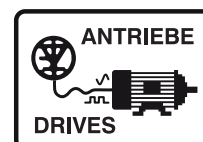
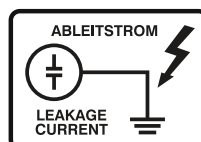
Facts:

With the **LEAKCOMP® HP leakage current compensation** integrated in this **portable power distributor**, **one or more three-phase frequency inverters** and/or servo drives, e.g. in mobile systems or training models, can be operated **safely** on **AC/DC sensitive residual current circuit breakers** (type B / B+) with a **residual current of 30 mA** or higher.*

Operation:

After the distributor has been supplied with mains voltage **between the RCCB/RCD and the drive** and the **LEAKCOMP® HP** has commenced its function, the consumers can be connected one after another.

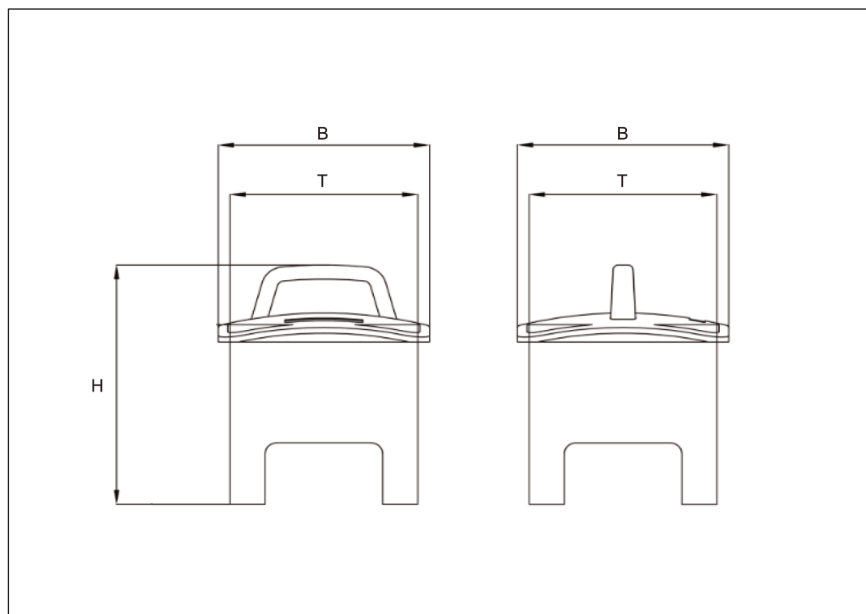
* High leakage currents at deviating frequencies can still trigger the AC/DC sensitive residual current circuit breaker. EPA offers appropriate filter technology for this.



Technical specification

Nominal voltage	400 VAC \pm 10 %, 3-phase
Nominal current	3-phase: 16 A or 32 A (see table)
Rated current	16 A respectively 32 A
Rated frequency	50 Hz \pm 1 %
Compensating frequency	150 Hz, 450 Hz, 750 Hz and 1050 Hz
Chassis	Stackable case style made of unbreakable, ageing, acid and alkali resistant solid rubber
Connections	16 A: Input 1x CEE plug 16 A, cable length 2 m Outputs 4x CEE socket 16 A, 5-pole 32 A: Input 1x CEE plug 32 A, cable length 2 m Outputs 4x CEE socket 32 A, 5-pole
Degree of protection	IP 44
Ambient temp.	+10 °C up to +55 °C (above +40 °C with power reduction)
Storage and transport	Storage: -25 °C up to +55 °C, transport: -25 °C up to +70 °C
Approvals	CE

Dimensions (Drawing not scaled)



Presented by:



® EPA GmbH

Fliederstraße 8, D-63486 Bruchköbel
Deutschland / Germany

Telefon / Phone: +49 (0) 6181 9704 - 0
Telefax / Fax: +49 (0) 6181 9704 - 99

E-Mail: info@epa.de
Internet: www.epa.de / www.leakcomp.de

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Release: e/12.23a