

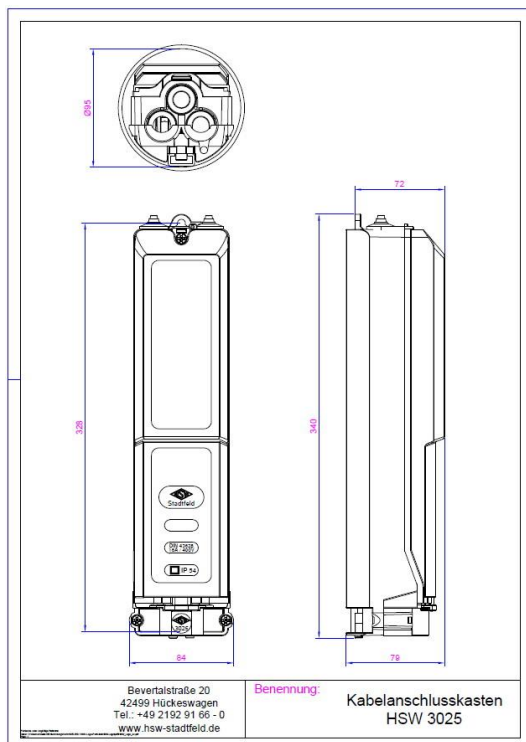


Elektrotechnische Fabrik
GmbH & Co. KG

Cable fuse box with ripple control receiver HSW 3025

Technical data

Nominal voltage / -current	400 V / 16 A
Degree of protection	IP54
Protection class	II
Fuses	2 x D01 (E14) up to 16 A
Measurements (L x W x H)	340 x 84 x 79 mm
Pole internal diameter	from 95 mm
Door size	from 85 x 350 mm
Input connectors	3 cables 5 x 6 mm ² up to 5 x 16 mm ²
Output connectors	2 cables 4/5 x 1,5 mm ² up to 4/5 x 2,5 mm ²
Applied standards	DIN VDE 0660-505; DIN 43628



Delivery content

Screw caps
Sliding gaskets
Ripple control receiver LCR270

Accessory

Cable gland M20 x 1,5 mm
Fuse inserts and sleeves
Screws for light pole connection M6 x 12 mm
Mounting kit HSW 170
Different earth conductor
Housing cover in clear or black
Surge protection HSW 7010 or HSW 7020

Print errors and technical changes excepted (Status: July 2019)



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Technical data ripple control receiver

Connection data	Supply voltage U_N	230 V – 22 % ... + 11 %
	Frequency of supply voltage	50 Hz – 2 % ... + 1 %
	Power consumption	<1 W / 10 VA kap.
	Surge voltage resistance	8 kV 1,2 / 50 μ S according to DIN EN 61000-4-5
Filtered data	Control frequency range	158 – 1600 Hz
	Selection of the control frequency	freely adjustable by parameter
	Functional voltage	$U_f > 0,5 \% U_N$
	Non-functional voltage	$U_{nf} < 0,3 \% U_N$ or according to arrangement
Time buffering	Maximum control voltage	8 – 15 times U_f (dependent on frequency)
	Supercap	> 48 h de-energized state
	Battery	> 3 years in de-energized state at 25°C, lifetime > 10 years
Output data	Accuracy	> 2 s / day
	Number of Relais	1 bis 2 bistable
	Switching voltage U_C	250 V, 50 Hz or 60 Hz
Suitable for lamp loads	Rated switching current I_C	16 A
	Relais contact type	NO contact potential-free (rest position parameterizable)
	Terminal connection size	for 1 x 2,5 mm ²
Interface	Light bulbs	up to 2500 W
	Fluorescent lamps with parallel compensation	up to 1300 W / 140 μ F
	Discharge lamps with parallel compensation	up to 2000 W / 140 μ F
Climatic capacity	Parameterization	USB
	Dimming (optional)	DALI or 1 – 10 V
Climatic capacity	Operating temperature	- 20 ... + 60 °C
	Storage temperature	- 30 ... + 60 °C

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