



HSW
STADTFELD

Elektrotechnische Fabrik
GmbH & Co. KG

> Cable junction boxes

www.hsw-stadtfeld.de

> Highest quality – maximum flexibility

Our company

HSW Stadtfeld is an owner-managed, medium-sized family business from the Bergisches Land.

Stadtfeld has been producing electrotechnical components since 1961, which are used to transfer electrical power to consumers or subordinate power grid.

The product range stretches from cable junction boxes, pole mount sockets, sockets, LED solar lights, LED light strips to control modules for street lighting.

Our competencies

HSW Stadtfeld has a very broad range of standard products, but we are also happy to meet your individual requirements.

We manufacture according to customer requirements and offer individual configuration options. Thanks to many years of experience, we are happy to develop new solutions together with our customers.

Stadtfeld has a CAD development. Our design department develops prototypes and series.

Our quality

We at HSW Stadtfeld are convinced that the management standard in the field of quality best reflects our thinking, as it has been our great aspiration since the company was founded to manufacture high-quality products. We set the highest quality standards for our materials and products. Therefore, we carry out regular quality controls. In addition, it is our aim to maintain and develop long-standing and cooperative relationships with our customers.

> You can find much more information about us and our products on the internet at www.hsw-stadtfeld.de

HSW Stadtfeld



Our company building in the Bergisches Land

HSW in use



HSW technology in the mast of a street lamp

DIN ISO 9001



Since this implementation, HSW Stadtfeld has been DIN ISO 9001 certified throughout

> Safely connected

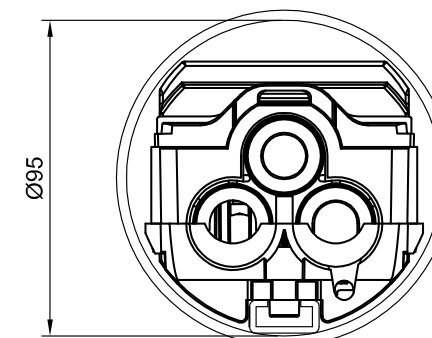
HSW
STADTFELD

Cable junction boxes from HSW Stadtfeld

HSW Stadtfeld's cable junction boxes are made exclusively of high-quality polycarbonate. We have the highest demands on our materials. The polycarbonate is robust, fire-tested and recyclable.

Stadtfeld's cable junction boxes are well-known for our proven self-adjusting sliding clamp technology. Our two-part bridge clamp as well as the height-adjustable insert offer further assembly advantages that our customers greatly appreciate. You can configure our products individually according to your needs.

> Data sheets, installation instructions and all other information on cable junction boxes can be found on the internet at www.hsw-stadtfeld.de



Dimensional-sketch HSW 2535



Floodlights / Special lights

Bollard / Park lights

Street lights

> Product overview



Cable junction boxes for
street lights

	Nominal voltage / -current	Degree of protection	Protection class	Fuses	Measurements (L x W x H)	Pole internal diameter	Door size	Entry field for wire connection	Input connectors	Output connectors
HSW 2209	400 V 16 A	IP54	II	-	290 x 84 x 92 mm	from 106 mm	from 80 x 300 mm	up to 110 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2210	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	290 x 84 x 72 mm	from 89 mm	from 80 x 300 mm	up to 110 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2220	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	290 x 84 x 72 mm	from 89 mm	from 80 x 300 mm	up to 110 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2230	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	290 x 84 x 72 mm	from 89 mm	from 80 x 300 mm	up to 110 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2309	400 V 16 A	IP54	II	-	265 x 84 x 92 mm	from 106 mm	from 80 x 270 mm	up to 85 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2310	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	265 x 84 x 72 mm	from 89 mm	from 80 x 270 mm	up to 85 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2320	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	265 x 84 x 72 mm	from 89 mm	from 80 x 270 mm	up to 85 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2330	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	265 x 84 x 72 mm	from 89 mm	from 80 x 270 mm	up to 85 mm	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2500	400 V 16 A	IP54	II	-	340 x 84 x 72 mm	from 89 mm	from 85 x 350 mm	-	-	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2505	400 V 16 A	IP54	II	-	340 x 84 x 79 mm	from 95 mm	from 85 x 350 mm	-	-	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2509	400 V 16 A	IP54	II	-	340 x 84 x 92 mm	from 106 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2520	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	340 x 84 x 72 mm	from 89 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2525	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	340 x 84 x 79 mm	from 95 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2529	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	340 x 84 x 92 mm	from 106 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2530	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	340 x 84 x 72 mm	from 89 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2535	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	340 x 84 x 79 mm	from 95 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2537	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	340 x 84 x 92 mm	from 95 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²
HSW 2539	400 V 16 A	IP54	II	3 x D01 (E14) up to 16 A	340 x 84 x 92 mm	from 106 mm	from 85 x 350 mm	-	3 cables 5 x 6 mm ² up to 5 x 16 mm ²	2 cables 4/5 x 1.5 mm ² up to 4/5 x 2.5 mm ²



Cable junction boxes for
floodlights / special lights

	Nominal voltage / -current	Degree of protection	Protection class	Measurements (L x W x H)	Pole internal diameter	Door size	Input connectors	Output connectors
HSW 2811	400 V / 500V 16 A / 63 A	IP54	II	300 x 100 x 96 mm	from 120 mm	from 100 x 300 mm	3 cables 5 x 6 - 35 mm ²	4 cables up to 5 x 2.5 mm ²
HSW 2911	400 V / 500V 16 A / 63 A	IP54	II	370 x 100 x 96 mm	from 120 mm	from 100 x 400 mm	3 cables 5 x 6 - 35 mm ²	4 cables up to 5 x 2.5 mm ²



Cable junction boxes for
bollard / park lights

	Nominal voltage / -current	Degree of protection	Protection class	Fuses	Measurements (L x W x H)	Pole internal diameter	Door size	Entry field for wire connection	Input connectors	Output connectors
HSW 1186	400 V 16 A	-	-	2 x D01 (E14) up to 16 A	160 x 50 x 54 mm	from 65 mm	from 50 x 160 mm	-	from 5 x 16 mm ²	up to 2.5 mm ²
HSW 1194	400 V 16 A	IP55	II	1 x D01 (E14) up to 16 A	160 x 59 x 57 mm	from 70 mm	from 60 x 200 mm	-	2 cables 5 x 2.5 mm ² up to 5 x 6 mm ²	1 cable 3 x 0.75 mm ² up to 3 x 2.5 mm ²
HSW 1195	400 V 16 A	IP54	II	2 x D01 (E14) up to 16 A	235 x 79 x 66 mm	from 89 mm	from 80 x 250 mm	65 mm	3 cables 5 x 6 mm ² up to 5 x 10 mm ² alternatively 2 cables up to 5 x 16 mm ²	2 cables 5 x 1.5 mm ² up to 5 x 2.5 mm ²
HSW 1196	250 V 6,3 A	IP55	II	G-fuse insert up to 6.3 A	160 x 49 x 42 mm	from 50 mm	from 60 x 200 mm	-	2 cables up to 3 x 2.5 mm ²	1 cable up to 3 x 0.75 mm ²
HSW 1197	250 V 6,3 A	IP55	II	G-fuse insert up to 6.3 A	160 x 59 x 43 mm	from 68 mm	from 60 x 200 mm	-	2 cables 5 x 2.5 mm ² up to 5 x 6 mm ²	1 cable 3 x 0.75 mm ² up to 3 x 2.5 mm ²
HSW 1809	400 V 16 A	IP54	II	1 x NEOZED fuse base D01 alternatively D02	180 x 82 x 83 mm	from 100 mm	from 90 x 200 mm	-	1 up to 3 cables from Ø 12 to Ø 24 mm	1 or 2 cables up to 5 x 2.5 mm ² alter- natively 4 x single core up to 2.5 mm ²
HSW 1920	400 V 16 A	IP55	II	2 x D01 (E14) up to 16 A	245 x 66 x 55 mm	from 70 mm	from 70 x 250 mm	70 mm	3 cables 5 x 2.5 mm ² up to 5 x 10 mm ²	2 cables 5 x 1.5 mm ² up to 5 x 2.5 mm ²
HSW 1921	400 V 16 A	IP55	II	2 x D01 (E14) up to 16 A	264 x 66 x 57 mm	from 70 mm	from 70 x 250 mm	70 mm	3 cables 5 x 2.5 mm ² up to 5 x 10 mm ²	2 cables 5 x 1.5 mm ² up to 5 x 2.5 mm ²

> Accessories

Surge protection from HSW Stadtfeld



HSW 7010
The copper pins allow a simple and fast assembly directly on the insert.



HSW 7020
The cable connection allows an individual and network-specific installation.



HSW 7025
Suitable for all installations where grounding is not possible.

	Nominal voltage (U _n)	Highest permanent voltage L-N (U _e)	Highest permanent voltage L-L (U _c)	Max. load current (I _n)	Voltage protection rating (U _p)	Nominal discharge current 8/20µs (I _n) / pole	Max. discharge current 8/20µs (I _{max}) / pole	Overall discharge current 8/20µs (I _{total})	Combination waveform (U _{oc}) / Pol	Short circuit current rating	Defective device	Protective function in case of defect	Connection	Applied standard
HSW 7010 HSW 7020 HSW 7025	220 - 240 V _{ac}	320 V _{ac}	480 V _{ac}	10 A	1.5 kV	5 kA	10 kA	30 kA	10 kV	10000 A	Disconnection AC network cut-off	LED off	max. 2.5 mm ²	DIN EN 61643-11

Accessories for cable junction boxes



HSW 170 mounting set
The HSW 170 mounting set is suitable for the installation of cable junction boxes on straight surfaces.



HSW 430 flush-mounted box
The product is designed for the universal installation of cable junction boxes in wall openings. The stainless-steel box provides space for our cable junction boxes with dimensions up to 430 x 97 x 100 mm (L x W x H).



HSW 440 surface-mounted box
The surface-mounted box is designed for the universal use of cable junction boxes on facades. The stainless-steel box is vandal-proof and offers space for our cable junction boxes with dimensions up to 435 x 103 x 106 mm (L x W x H).



Edge protection
Edge protection for all lighting poles with a cable opening of 50 x 150 mm.



VA Mounting bracket
The Stadtfeld VA mounting bracket serves as a suspension device for installations on crossbars in masts.

> Data sheets, installation instructions and all other information on accessories can be found on the internet at www.hsw-stadtfeld.de



> You need something more individual?

We at HSW Stadtfeld have the ambition to be there for our customers as problem solvers. We develop solutions for standard applications, but also fulfil your individual requirements within the scope of technical possibilities. We see ourselves as a partner who is by your side.

HSW Stadtfeld has a varied range of cable junction boxes. Should you still not find the right solution for your requirements, we can adapt our cable junction boxes individually to your wishes.

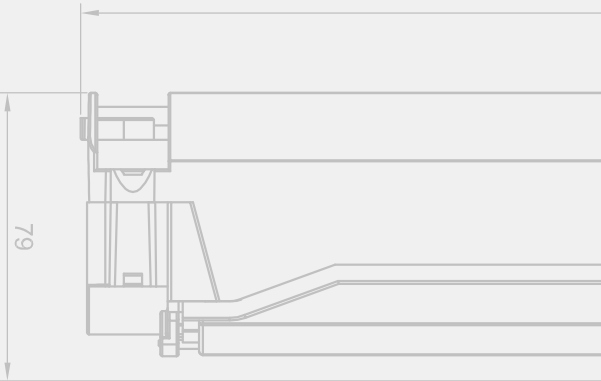
We have the possibility to equip our models with different seals, screw connections, earth conductors and fuse inserts. Our variety of housings allows us to realize numerous installations, be it residual current circuit breakers, surge protection modules, light controls or control lines. We would be pleased to advise you and develop an individual solution for you.

Just contact us!

> Any questions?

Just give us a call or send us an email.

HSW Stadtfeld
Bevertalstraße 20
D-42499 Hückeswagen
Phone +49 2192 9166 0
hsw@hsw-stadtfeld.de



> Do you need more information?

Just give us a call
or take a look at
our website.

HSW Stadtfeld

Bevertalstraße 20
D - 42499 Hückeswagen
Phone +49 2192 9166 0
hsw@hsw-stadtfeld.de

www.hsw-stadtfeld.de



Elektrotechnische Fabrik
GmbH & Co. KG