



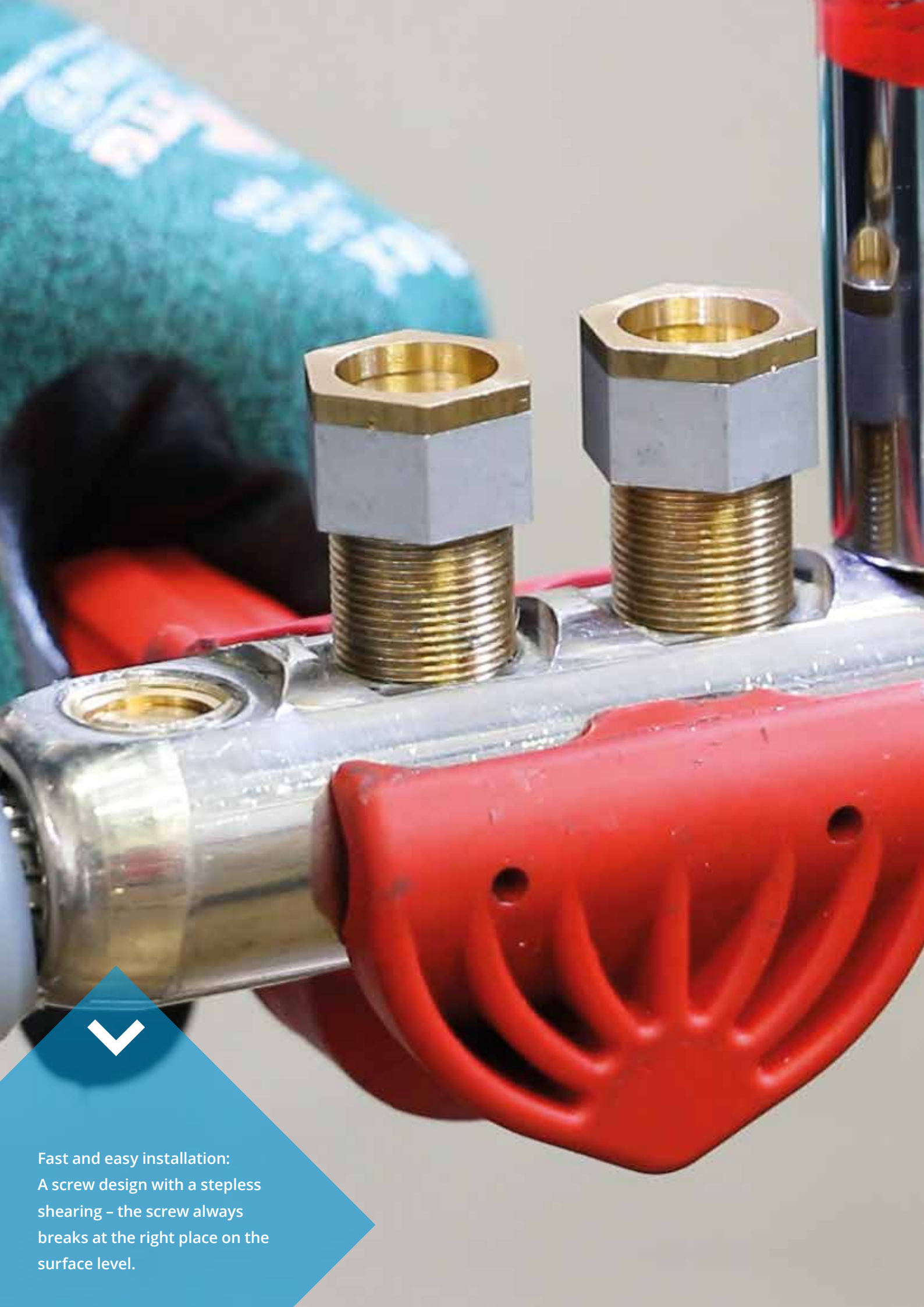
# ENSTO

## Mechanical cable lugs and connectors

for low and medium voltage  
underground cable networks

**Better life.**  
With electricity.

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Fast and easy installation:  
A screw design with a stepless  
shearing - the screw always  
breaks at the right place on the  
surface level.

# Cable lugs and connectors

## for a wide range of cross-sections

Our cable lugs and connectors have been designed to make installation as easy and effortless as possible. All our connectors and cable lugs have been equipped with shear-head bolts, which guarantee a reliable and uniform end result without the need for special tools.



## Low voltage

### LUG cable lugs and SLJ connectors

- Wide cross-section range: 6–300 mm<sup>2</sup>
- Wide application range:  
Suitable for solid, stranded, sector and round conductor.  
Suitable for Al and Cu conductors.
- Fast and easy installation:  
Shear head technology – no compression tools.

## Medium voltage

### LA cable lugs and CA connectors

- Wide cross-section range: 10–800mm<sup>2</sup>
- Wide application range:  
Suitable for solid, stranded, sector and round conductor.  
Suitable for Al and Cu conductors.
- Fast and easy installation:  
Screw design with step less shearing  
Always correct cut-off point  
No need of hammering or grinding the screw after break.



# Cable lugs and connectors

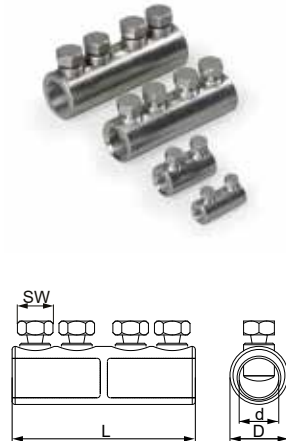
## Low voltage



### Shear head bolt connectors

The connector is used for joining conductors of cables up to 1 kV. Because of the shear head bolt construction, no crimping tools are needed. The required torque is achieved by tightening the bolt until it breaks off. The connector is longitudinally watertight. It is suitable for aluminium and copper conductors: solid and stranded, sector shaped and circular. The cable core insulation may be plastic or paper.

Product code	GTIN	Conductor size (mm <sup>2</sup> )	No. of screws	L (mm)	d (mm)	D (mm)	SW (mm)
SLJ0.27	6438100335281	Al 10-35/Cu 4-25	2	40	8	15	7
SLJ0.47	6438100325565	Al 10-35/Cu 4-25	4	50	8	15	7
SLJ1.27	6418677458187	Al/Cu 6-50	2	54	11	20	11
SLJ1.47	6438100306663	Al/Cu 6-50	4	80	11	20	11
SLJ2.27	6418677458194	Al/Cu 35-95	2	58	16	28	14
SLJ2.47	6438100306670	Al/Cu 35-95	4	88	16	28	14
SLJ25.27	6438389016895	Al/Cu 70-150	2	70	19	30	18
SLJ25.47	6438100359225	Al/Cu 95-185	4	110	19	30	18
SLJ3.47	6418677459726	Al/Cu 95-240	4	119	25.5	38	20
SLJ4.47	6418677459733	Al/Cu 150-300	4	130	27.5	43	22



### Filler pieces

The filler piece is used together with SLJ shear head bolt connectors, when it is necessary to join conductor sizes smaller than the range of the connector allows. It is suitable for both aluminium and copper conductors.

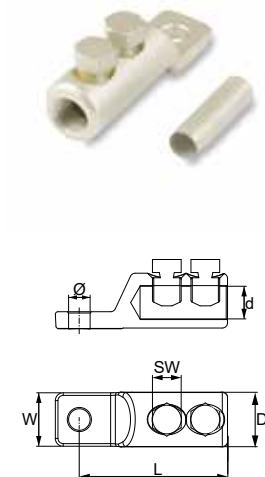
Product code	GTIN	Description
SLJT2	6438100303211	16-25 mm <sup>2</sup> SLJ2.27
SLJT25	6438389020953	35-50 mm <sup>2</sup> SLJ25.27
SLJT3	6438100303228	25-70 mm <sup>2</sup> SLJ3.47
SLJT4	6438100303235	95-120 mm <sup>2</sup> SLJ4.47



### Shear head bolt cable lugs

The cable lug is used for terminating conductors of cables up to 1 kV. Because of the shear head bolt construction, no crimping tools are needed. The required torque is achieved by tightening the bolt until it breaks off. The lug is longitudinally watertight. It is suitable for aluminium and copper conductors: solid and stranded, sector shaped and circular.

Product code	GTIN	Conductor size (mm <sup>2</sup> )	L (mm)	W (mm)	d (mm)	D (mm)	Palm hole ø mm	SW (mm)
LUG6-50/8LV	6438100321895	Al 6-50	50	19.5	10	20	8.5	11
LUG6-50/8LVTIN	6438100321901	Al/Cu 6-50	50	19.5	10	20	8.5	11
LUG6-50/10LVTIN	6438100321918	Al/Cu 6-50	50	19.5	10	20	10.5	11
LUG6-50/12LVTIN	6438100321925	Al/Cu 6-50	50	19.5	10	20	12.5	11
LUG50-95/10LV	6438100321932	Al 50-95	73.5	24.5	14.5	25	10.5	14
LUG50-95/10LVTIN	6438100321949	Al/Cu 50-95	73.5	24.5	14.5	25	10.5	14
LUG50-95/12LVTIN	6438100321956	Al/Cu 50-95	73.5	24.5	14.5	25	12.5	14
LUG50-95/14LVTIN	6438100321963	Al/Cu 50-95	73.5	24.5	14.5	25	14.5	14
LUG95-185/12LV	6438100321970	Al 95-185	85	29.5	19	30	12.5	18
LUG95-185/12LVTIN	6438100321987	Al/Cu 95-185	85	29.5	19	30	12.5	18
LUG95-185/14LVTIN	6438100322007	Al/Cu 95-185	85	29.5	19	30	14.5	18
LUG95-185/16LVTIN	6438100321994	Al/Cu 95-185	85	29.5	19	30	16.5	18
LUG150-300/12LV	6438100322014	Al 150-300	113.5	41	25	42	12.5	22
LUG150-300/12LVTIN	6438100322021	Al/Cu 150-300	113.5	41	25	42	12.5	22
LUG150-300/16LVTIN	6438100322038	Al/Cu 150-300	113.5	41	25	42	16.5	22



# Cable lugs and connectors

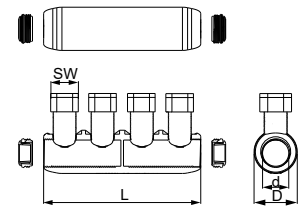
## Medium voltage



### Shear head bolt cable connector

The connector is used for jointing conductors of cables up to 42 kV. Because of the shear head bolt construction, no crimping tools are needed. The required torque is achieved by tightening the bolt until it breaks off. The connector is longitudinally watertight. It is suitable for aluminium and copper conductors: solid and stranded, sector shaped and circular. The cable core insulation may be plastic or paper.

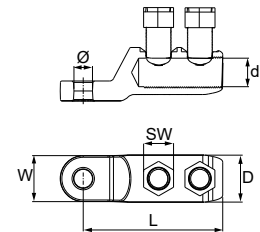
Product code	GTIN	Conductor size (mm <sup>2</sup> )	L (mm)	d (mm)	D (mm)	SW (mm)
CA95SB2	6438100361174	Al/Cu 10-95 mm <sup>2</sup>	70	12.5	24	15
CA150SB4	6438100361129	Al/Cu 25-150 mm <sup>2</sup>	100	16	28	15
CA240SB4	6438100343910	Al/Cu 50-240 mm <sup>2</sup>	120	20	33	21
CA300SB4	6438100374280	Al/Cu 95-300 mm <sup>2</sup>	120	22	35	21
CA400SB4	6438100371029	Al/Cu 185-400 mm <sup>2</sup>	170	26	43	26
CA630SB6	6438100370961	Al/Cu 300-630 mm <sup>2</sup>	200	34	52	26
CA800SB8	6438389016918	Al/Cu 400-800 mm <sup>2</sup>	220	37	60	26



### Shear head bolt cable lug

The cable lug is used for terminating conductors of cables up to 42 kV. Because of the shear head bolt construction, no crimping tools are needed. The required torque is achieved by tightening the bolt until it breaks off. The lug is longitudinally watertight. It is suitable for aluminium and copper conductors: solid and stranded, sector shaped and circular.

Product code	GTIN	Conductor size (mm <sup>2</sup> )	L (mm)	W (mm)	d (mm)	D (mm)	Palm hole ø mm	SW (mm)
LA95N13SB1	6438100407452	Al/Cu 10-95 mm <sup>2</sup>	59	27.5	12.5	24	13	15
LA95N17SB1	6438100405939	Al/Cu 10-95 mm <sup>2</sup>	59	27.5	17	24	17	15
LA150N13SB2	6438100363109	Al/Cu 25-150 mm <sup>2</sup>	80.3	28	16	28	13	15
LA150N17SB2	6438100363123	Al/Cu 25-150 mm <sup>2</sup>	80.3	28	16	28	17	15
LA240N13SB2	6438100358563	Al/Cu 50-240 mm <sup>2</sup>	97.9	33	20	33	13	21
LA240N17SB2	6438100358570	Al/Cu 50-240 mm <sup>2</sup>	97.9	33	20	33	17	21
LA300N13SB2	6438100407483	Al/Cu 95-300 mm <sup>2</sup>	97.9	35	22	35	13	21
LA300N17SB2	6438100407506	Al/Cu 95-300 mm <sup>2</sup>	97.9	35	22	35	17	21
LA400N13SB2	6438100372392	Al/Cu 185-400 mm <sup>2</sup>	134	42.9	26	42.9	13	26
LA400N17SB2	6438100372415	Al/Cu 185-400 mm <sup>2</sup>	134	42.9	26	42.9	17	26
LA630N13SB3	6438100371210	Al/Cu 300-630 mm <sup>2</sup>	155	50.8	34	52	13	26
LA630N17SB3	6438100371234	Al/Cu 300-630 mm <sup>2</sup>	155	50.8	34	52	17	26
LA630N21SB3	6438100374150	Al/Cu 300-630 mm <sup>2</sup>	155	50.8	34	52	21	26
LA800N13SB4	6438389017939	Al/Cu 400-800 mm <sup>2</sup>	194.3	60	37	60	13	26
LA800N17SB4	6438389018080	Al/Cu 400-800 mm <sup>2</sup>	200	60	37	60	17	26
LA800N21SB4	6438389018103	Al/Cu 400-800 mm <sup>2</sup>	194.3	60	37	60	21	26





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