

# COLOR CODED COPPER CRIMPING LUGS CL-D

*double hole long barrel for copper conductors*

CL series lugs are manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

Cembre lugs are annealed to guarantee optimum ductility, an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation.

In applications subject to vibration, terminals have to perform a reliable connection, the annealing process plays a vital role in avoiding cracking or breaks between the barrel and palm.

The barrel length has been designed to allow easy and accurate positioning of the dies during the crimping operation. Lugs are electrolytically tinplated to avoid oxidization. The tongue is clearly marked with wire size and die index for Cembre tools.

UL listed for US and Canada per UL486A up to 35 KV.

*Cembre technicians are available to provide technical advice as required.  
Please consult Cembre for products not listed.*



CERTIFICATES 



2011/65/EU

# COLOR CODED COPPER CRIMPING LUGS **CL-D**

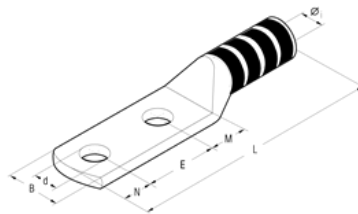
## *Technical characteristics*

Material (Body)

ETP Copper electrolytically tinned


Material (Fixing)


ETP Copper electrolytically tinned




# COLOR CODED COPPER CRIMPING LUGS CL-D

## List of products

<b>CL8-D</b> Cable type: copper, Maximum section: 10 mm <sup>2</sup>										
Colour										Red
										
Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL8-D14	6 mm	4.6 mm	11 mm	7 mm	16 mm	6 mm	53 mm	6.4 mm	400	50
CL8-D141	6 mm	4.6 mm	11 mm	7 mm	19 mm	6 mm	56 mm	6.4 mm	400	50
CL8-D38	10 mm	4.6 mm	18 mm	11 mm	10 mm	10 mm	70.5 mm	10.5 mm	400	50

<b>CL6-D</b> Cable type: copper, Maximum section: 16 mm <sup>2</sup>										
Colour										Blue
										
Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL6-D14	6 mm	5.8 mm	11.5 mm	7 mm	16 mm	6 mm	54.5 mm	6.4 mm	400	50
CL6-D141	6 mm	5.8 mm	11.5 mm	7 mm	19 mm	6 mm	57.5 mm	6.4 mm	400	50
CL6-D38	10 mm	5.8 mm	18 mm	11 mm	25.5 mm	10 mm	72 mm	10.5 mm	400	50
CL6-DN	1/2	5.8 mm	20 mm	14 mm	44.5 mm	12 mm	96 mm	13.2 mm	400	50

<b>CL4-D</b> Cable type: copper, Maximum section: 25 mm <sup>2</sup>										
Colour										Grey
										
Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL4-D14	6 mm	6.2 mm	12.5 mm	7 mm	16 mm	6 mm	62 mm	6.4 mm	200	50
CL4-D141	6 mm	6.2 mm	12.5 mm	7 mm	19 mm	6 mm	65 mm	6.4 mm	200	50
CL4-D38	10 mm	10.5 mm	18 mm	11 mm	25.5 mm	10 mm	79.5 mm	10.5 mm	200	50
CL4-DN	12 mm	6.2 mm	20 mm	14 mm	44.5 mm	12 mm	103.5 mm	13.2 mm	200	50

### CL3-D Cable type: copper, Maximum section: 25 mm<sup>2</sup>

Colour

White



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL3-D38	10 mm	7 mm	18 mm	11 mm	25.5 mm	10 mm	19.5 mm	10.5 mm	200	50
CL3-DN	12 mm	7 mm	21 mm	14 mm	44.5 mm	12 mm	103.5 mm	13.2 mm	200	50

### CL2-D Cable type: copper, Maximum section: 35 mm<sup>2</sup>

Colour

Brown

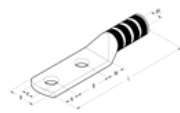


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL2-D14	6 mm	7.6 mm	17 mm	7 mm	16 mm	6 mm	61 mm	6 mm	200	50
CL2-D141	6 mm	7.6 mm	17 mm	7 mm	19 mm	6 mm	64 mm	6.4 mm	200	50
CL2-D38	10 mm	7.6 mm	19 mm	11 mm	25.5 mm	10 mm	78.5 mm	10.5 mm	100	50
CL2-DN38	10 mm	7.6 mm	19 mm	11 mm	44.5 mm	10 mm	97.5 mm	10.5 mm	100	50
CL2-DN	12 mm	7.6 mm	21 mm	14 mm	44.5 mm	12 mm	102.5 mm	13.2 mm	100	50

### CL1-D Cable type: copper

Colour

Green



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL1-D14	6 mm	8.9 mm	17 mm	7 mm	16 mm	6 mm	63 mm	6.4 mm	200	50
CL1-D141	6 mm	8.9 mm	17 mm	7 mm	19 mm	6 mm	66 mm	6.4 mm	200	50
CL1-D38	10 mm	8.9 mm	19 mm	11 mm	25.5 mm	10 mm	80.5 mm	10.5 mm	100	25
CL1-DN	12 mm	8.9 mm	21 mm	14 mm	44.5 mm	12 mm	104.5 mm	13.2 mm	100	25

### CL1/0-D *Cable type: copper, Maximum section: 50 mm<sup>2</sup>*

Colour

Pink



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL1/0-D14	6 mm	10 mm	19 mm	7.9 mm	16 mm	7 mm	68 mm	6.4 mm	100	25
CL1/0-D141	6 mm	10 mm	19 mm	7.9 mm	19 mm	7 mm	71 mm	6.4 mm	100	25
CL1/0-D38	10 mm	10 mm	20 mm	10.9 mm	25.5 mm	10 mm	83.5 mm	10.5 mm	100	25
CL1/0-DN	12 mm	10 mm	21 mm	14 mm	44.5 mm	12 mm	107.5 mm	13.2 mm	100	25

### CL2/0-D *Cable type: copper, Maximum section: 70 mm<sup>2</sup>*

Colour

Black



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty	Maximum distance from the hole to the edge
CL2/0-D14	6 mm	11.3 mm	21 mm	7.8 mm		7 mm	76 mm	6.4 mm	60	30	16 mm
CL2/0-D141	6 mm	11.3 mm	21 mm	7.8 mm	19 mm	7 mm	79 mm	6.4 mm	60	30	
CL2/0-D38	10 mm	11.3 mm	21 mm	11 mm	25.5 mm	10 mm	91.5 mm	10.5 mm	60	30	
CL2/0-DN	12 mm	11.3 mm	22 mm	14 mm	44.5 mm	12 mm	115.5 mm	13.2 mm	60	30	

### CL3/0-D *Cable type: copper, Maximum section: 95 mm<sup>2</sup>*

Colour

Orange



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL3/0-D141	6 mm	12.4 mm	23.3 mm	8 mm	19 mm	7 mm	82 mm	6.4 mm	60	30
CL3/0-D38	10 mm	12.4 mm	23.3 mm	11 mm	25.5 mm	10 mm	94.5 mm	10.5 mm	60	30
CL3/0-DN	12 mm	12.4 mm	24 mm	14 mm	44.5 mm	12 mm	118.5 mm	13.2 mm	60	30

### CL4/0-D *Cable type: copper, Maximum section: 120 mm<sup>2</sup>*

Colour

Purple

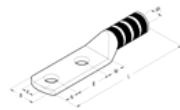


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL4/0-D141	6 mm	13.5 mm	25 mm	13.5 mm	19 mm	11 mm	94 mm	6.4 mm	50	25
CL4/0-D38	10 mm	13.5 mm	25 mm	11 mm	25.5 mm	10 mm	97.5 mm	10.5 mm	50	25
CL4/0-DN38	10 mm	13.5 mm	25 mm	11 mm	44.5 mm	10 mm	116.5 mm	10.5 mm	50	25
CL4/0-DN	12 mm	13.5 mm	25 mm	14 mm	44.5 mm	12 mm	121.5 mm	13.2 mm	50	25

### CL250-D *Cable type: copper, Maximum section: 120 mm<sup>2</sup>*

Colour

Yellow

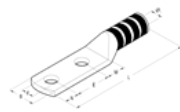


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL250-D38	10 mm	15.2 mm	28.5 mm	11 mm	25.5 mm	10 mm	103 mm	10.5 mm	40	20
CL250-DN	12 mm	15.2 mm	28.5 mm	14 mm	44.5 mm	12 mm	127 mm	13.2 mm	40	20

### CL300-D *Cable type: copper, Maximum section: 150 mm<sup>2</sup>*

Colour

White

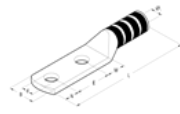


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL300-D38	10 mm	16.7 mm	31.5 mm	13 mm	25.5 mm	11 mm	116 mm	10.5 mm	30	15
CL300-DN	12 mm	16.7 mm	31.5 mm	16 mm	44.5 mm	14 mm	141 mm	13.2 mm	30	15

### CL350-D *Cable type: copper, Maximum section: 185 mm<sup>2</sup>*

Colour

Red



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL350-D141	6 mm	17.6 mm	33 mm	13 mm	19 mm	11 mm	109.5 mm	6.4 mm	30	15
CL350-D38	10 mm	17.6 mm	33 mm	13 mm	25.5 mm	11 mm	116 mm	10.5 mm	30	15
CL350-DN	12 mm	17.6 mm	33 mm	16 mm	44.5 mm	14 mm	141 mm	13.2 mm	30	15

### CL400-D *Cable type: copper*

Colour

Blue

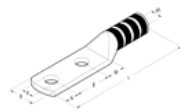


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL400-D141	6 mm	19.2 mm	35.5 mm	13 mm	19 mm	11 mm	118.5 mm	6.4 mm	20	10
CL400-D38	10 mm	19.2 mm	35.5 mm	13 mm	25.5 mm	11 mm	125 mm	10.5 mm	20	10
CL400-DN	12 mm	19.2 mm	35.5 mm	16 mm	44.5 mm	14 mm	150 mm	13.2 mm	20	10

### CL500-D *Cable type: copper, Maximum section: 240 mm<sup>2</sup>*

Colour

Brown

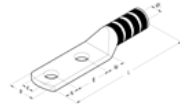


Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL500-D141	6 mm	21.1 mm	39 mm	13 mm	19 mm	11 mm	119.5 mm	6.4 mm	20	10
CL500-D38	10 mm	21.1 mm	39 mm	13 mm	25.5 mm	11 mm	126 mm	10.5 mm	10	5
CL500-DN	12 mm	21.1 mm	39 mm	16 mm	44.5 mm	14 mm	151 mm	13.2 mm	10	5

## CL600-D *Cable type: copper, Maximum section: 300 mm<sup>2</sup>*

Colour

Green



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL600-D38	10 mm	23.7 mm	44 mm	20 mm	25.5 mm	11 mm	149.5 mm	10.5 mm	20	5
CL600-DN	12 mm	23.7 mm	44 mm	20 mm	44.5 mm	14 mm	171.5 mm	13.2 mm	20	5

## CL750-D *Cable type: copper*

Colour

Black



Type	Ø Stud mm	Øi	B	M	E	N	L	d	Pack qty	Min. pack qty
CL750-DN38	10 mm	26 mm	48 mm	20 mm	44.5 mm	11 mm	173.5 mm	10.5 mm	15	5
CL750-D38	10 mm	26 mm	48 mm	20 mm	25.5 mm	11 mm	154.5 mm	10.5 mm	15	5
CL750-DN	12 mm	26 mm	48 mm	20 mm	44.5 mm	14 mm	176.5 mm	13.2 mm	15	5