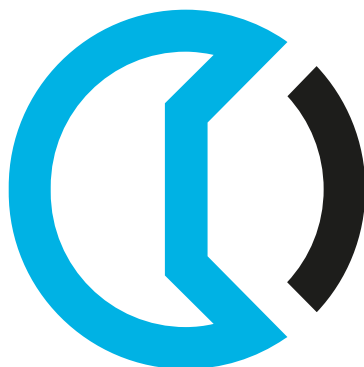


PRODUCT OVERVIEW - INDUSTRY



CEMBRE



FOLLOW THE CABLE STRATEGY

WIRE MARKERS:
MG-TPMF MG-TDM/TDMO KM-ROLL



TERMINAL BLOCKS



TERMINAL BLOCK
MARKERS:
MG-CPM



END SLEEVES



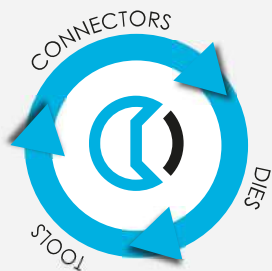
DISTRIBUTION BLOCKS



TERMINALS



MANUAL AND AUTOMATIC
CRIMPING TOOLS & DIES



PRINTER

SOFTWARE

CONSUMABLES

ASSISTANCE

PRINTER MG4




CABLE GLANDS




PRINTABLE HEAT-SHRINKABLE TUBE



TIE ON SOLUTIONS: ETF




CABLE TIES



HEAT-SHRINKABLE TUBE



CONNECTORS FOR CONTROL, POWER AND DISTRIBUTION

A-M



COPPER TUBE CRIMPING LUGS

A-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%.

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, which is an absolute necessity for connectors that have to withstand the severe deformation arising when compressed, that any bending of the palm during installation.

Cond. Size mm ²	Stud Diameter mm								
	M4	M5	M6	M8	M10	M12	M14	M16	M20
6	A1-M4	A1-M5	A1-M6	A1-M8	A1-M10				
10	A2-M4	A2-M5	A2-M6	A2-M8	A2-M10	A2-M12			
16	A3-M4	A3-M5	A3-M6	A3-M8	A3-M10	A3-M12			
25	A5-M4	A5-M5	A5-M6	A5-M8	A5-M10	A5-M12			
35		A7-M5	A7-M6	A7-M8	A7-M10	A7-M12			
50			A10-M6	A10-M8	A10-M10	A10-M12	A10-M14	A10-M16	
70			A14-M6	A14-M8	A14-M10	A14-M12	A14-M14	A14-M16	
95			A19-M6	A19-M8	A19-M10	A19-M12	A19-M14	A19-M16	A19-M20
120				A24-M8	A24-M10	A24-M12	A24-M14	A24-M16	A24-M20
150				A30-M8	A30-M10	A30-M12	A30-M14	A30-M16	A30-M20
185				A37-M8	A37-M10	A37-M12	A37-M14	A37-M16	A37-M20
240				A48-M8	A48-M10	A48-M12	A48-M14	A48-M16	A48-M20
300					A60-M10	A60-M12	A60-M14	A60-M16	A60-M20
400						A80-M12	A80-M14	A80-M16	A80-M20
500								A100-M16	A100-M20

A-M



RING TONGUE TERMINALS WITH CONTAINED PALM

This range of terminals features contained palm width and has been specifically developed for application on L.V. circuit breakers with reduced space terminal blocks.

The contained palm width allows an immediate and easier installation.

Cond. Size mm ²	Stud Diameter mm					
	M5	M6	M8	M10	M12	M16
10	A2-M5/9					
16	A3-M5/9					
25	A5-M5/9					
35		A7B-M6/11.5*				
50		A10B-M6/11.5*				
70		A14B-M6/11.5*				
95			A19B-M8/15.5*			
120			A24B-M8/19*	A24B-M10/19*		
150			A30B-M8/19*	A30B-M10/19*		
185				A37B-M10/24.5*		
240				A48-M10/31	A48-M12/31	A48-M16/31
300				A60B-M10/31*	A60B-M12/31*	

*Without inspection hole

ANE-M



POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS

ANE-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%, annealed and Tin plated.

The interior of the PA6.6 insulated sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

It also eliminates the need to insulate the terminal using either tape or heat shrinkable tubing.

Cond. Size mm ²	Stud Diameter mm								
	M4	M5	M6	M8	M10	M12	M14	M16	M20
10	ANE2-M4	ANE2-M5	ANE2-M6	ANE2-M8	ANE2-M10	ANE2-M12			
16	ANE3-M4	ANE3-M5	ANE3-M6	ANE3-M8	ANE3-M10	ANE3-M12			
25	ANE5-M4	ANE5-M5	ANE5-M6	ANE5-M8	ANE5-M10	ANE5-M12			
35			ANE7-M6	ANE7-M8	ANE7-M10	ANE7-M12			
50			ANE10-M6	ANE10-M8	ANE10-M10	ANE10-M12			
70			ANE14-M6	ANE14-M8	ANE14-M10	ANE14-M12	ANE14-M14		
95				ANE19-M8	ANE19-M10	ANE19-M12	ANE19-M14	ANE19-M16	
120					ANE24-M10	ANE24-M12	ANE24-M14	ANE24-M16	
150						ANE30-M12	ANE30-M14	ANE30-M16	ANE30-M20

2A-M



HEAVY DUTY COPPER TUBE TERMINALS

2A-M series terminals are made from high purity Copper tube, and are annealed. They feature a double length barrel for enhanced electrical and mechanical performance in heavy duty applications.

The absence of an inspection hole prevents the entry of water or moisture into the crimped joint making these terminals suitable for outdoor applications.

Cond. Size mm ²	Stud Diameter mm					
	M8	M10	M12	M14	M16	M20
16	2A3-M8	2A3-M10				
25	2A5-M8	2A5-M10	2A5-M12			
35	2A7-M8	2A7-M10	2A7-M12			
50		2A10-M10	2A10-M12	2A10-M14	2A10-M16	
70		2A14-M10	2A14-M12	2A14-M14	2A14-M16	
95		2A19-M10	2A19-M12	2A19-M14	2A19-M16	2A19-M20
120		2A24-M10	2A24-M12	2A24-M14	2A24-M16	2A24-M20
150		2A30-M10	2A30-M12	2A30-M14	2A30-M16	2A30-M20
185			2A37-M12	2A37-M14	2A37-M16	2A37-M20
240			2A48-M12	2A48-M14	2A48-M16	2A48-M20
300			2A60-M12	2A60-M14	2A60-M16	2A60-M20
400			2A80-M12	2A80-M14	2A80-M16	2A80-M20

HR-N

COPPER TUBE CRIMPING LUGS



HR-N series lugs are manufactured from electrolytic Copper tube and designed to obtain high electrical conductivity combined with the mechanical strength required to resist vibration and pull out.

The barrel entrance of the lug is chamfered to allow easy conductor insertion, while its length facilitates precise positioning of the crimping die.

Also available as HRS-N version with inspection hole.

Cond. Size mm ²	Stud Diameter mm						
	M6	M8	M10	M12	M14	M16	M20
10	HR10-6N	HR10-8N	HR10-10N	HR10-12N			
16	HR16-6N	HR16-8N	HR16-10N	HR16-12N			
25	HR25-6N	HR25-8N	HR25-10N	HR25-12N	HR25-14N		
35	HR35-6N	HR35-8N	HR35-10N	HR35-12N	HR35-14N	HR35-16N	
50	HR50-6N	HR50-8N	HR50-10N	HR50-12N	HR50-14N	HR50-16N	HR50-20N
70	HR70-6N	HR70-8N	HR70-10N	HR70-12N	HR70-14N	HR70-16N	HR70-20N
95		HR95-8N	HR95-10N	HR95-12N	HR95-14N	HR95-16N	HR95-20N
120		HR120-8N	HR120-10N	HR120-12N	HR120-14N	HR120-16N	HR120-20N
150		HR150-8N	HR150-10N	HR150-12N	HR150-14N	HR150-16N	HR150-20N
185			HR185-10N	HR185-12N	HR185-14N	HR185-16N	HR185-20N
240			HR240-10N	HR240-12N	HR240-14N	HR240-16N	HR240-20N
300				HR300-12N	HR300-14N	HR300-16N	HR300-20N

DR-N

COPPER TUBE CRIMPING LUGS ACCORDING TO DIN 46235



DR series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9% and designed to obtain high electrical conductivity combined with the mechanical strength required to resist vibration and pull out.

CEMBRE lugs are annealed and Tin plated for improved surface protection. Dimensions are according to DIN 46235.

Cond. Size mm ²	Stud Diameter mm						
	M5	M6	M8	M10	M12	M16	M20
10	DR10-5N	DR10-6N	DR10-8N*	DR10-10N*			
16		DR16-6N	DR16-8N	DR16-10N	DR16-12N*		
25		DR25-6N	DR25-8N	DR25-10N	DR25-12N		
35		DR35-6N*	DR35-8N	DR35-10N	DR35-12N	DR35-16N*	
50		DR50-6N*	DR50-8N	DR50-10N	DR50-12N	DR50-16N	
70			DR70-8N	DR70-10N	DR70-12N	DR70-16N	DR70-20N*
95			DR95-8N*	DR95-10N	DR95-12N	DR95-16N	DR95-20N*
120			DR120-8N*	DR120-10N	DR120-12N	DR120-16N	DR120-20N
150				DR150-10N	DR150-12N	DR150-16N	DR150-20N
185				DR185-10N	DR185-12N	DR185-16N	DR185-20N
240				DR240-10N*	DR240-12N	DR240-16N	DR240-20N
300					DR300-12N*	DR300-16N	DR300-20N

* Dimensions of the tube according to DIN 46235; Stud hole not included within the standard.

T-M

COPPER TUBE CRIMPING LUGS ACCORDING TO NF C 20-130



T-M series lugs are manufactured from electrolytic Copper tube with a purity greater than 99.9%. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out.

In applications subject to vibration, lugs still have to provide a reliable connection and annealing plays a vital role in avoiding cracking or breaks between the barrel and palm. The insertion of the cable is facilitated by the flared design.

Cond. Size mm ²	Stud Diameter mm							
	M5	M6	M8	M10	M12	M14	M16	M20
6	T6-M5	T6-M6	T6-M8					
10	T10-M5	T10-M6	T10-M8	T10-M10				
16	T16-M5	T16-M6	T16-M8	T16-M10				
25		T25-M6	T25-M8	T25-M10	T25-M12			
35		T35-M6	T35-M8	T35-M10	T35-M12			
50		T50-M6	T50-M8	T50-M10	T50-M12			
70			T70-M8	T70-M10	T70-M12			
95			T95-M8	T95-M10	T95-M12	T95-M14	T95-M16	
120			T120-M8	T120-M10	T120-M12	T120-M14	T120-M16	
150				T150-M10	T150-M12	T150-M14	T150-M16	
185				T185-M10	T185-M12	T185-M14	T185-M16	
240				T240-M10	T240-M12	T240-M14	T240-M16	T240-M20
300				T300-M10	T300-M12	T300-M14	T300-M16	T300-M20
400							T400-M16	T400-M20

CAA-M

BIMETALLIC CONNECTORS



The barrels of series CAA-M connectors are made from Aluminium of a purity equal to or greater than 99.5%.

The barrel is friction welded to the palm thus achieving the best possible transition between the copper palm and Aluminium barrel.

Barrels are capped and filled with grease so as to avoid oxidation of the Aluminium.

Cond. Size mm ²	Stud Diameter mm			
	M10	M12	M14	M16
10		CAA10-M12		
16		CAA16-M12		
25		CAA25-M12		
35		CAA35-M12		
50		CAA50-M12		
70		CAA70-M12		
95	CAA95-M10	CAA95-M12		
120		CAA120-M12		
150		CAA150-M12		
185		CAA185-M12		
240		CAA240-M12		
300		CAA300-34-M12	CAA300-34-M14	CAA300-34-M16
400				CAA300-M16
400		CAA400-M12		CAA400-M16
500				CAA500-M16TNBD

HYDRAULIC CRIMPING AND CUTTING TOOLS

HT51

6-240mm²



Crimping force: 50kN

- Weight: 2,7 Kg
- Double speed action
- 180° rotating head

HT131-C

10-400mm²



Crimping force: 130kN

- Weight: 5,5 Kg
- Double speed action
- 180° rotating head
- Will accept all semi-circular slotted dies

HT131-UC

10-400mm²



Crimping force: 130kN

- Weight: 5,4 Kg
- Double speed action
- 180° rotating head
- Uses accessories for deep stepped indenting with containing dies

KT3N

Ø34mm



Cu/Al

- Weight: 600 g
- Head can be opened to allow the cutting of running cables

KT4N

Ø62mm



Cu/Al

- Weight: 800 g
- Head can be opened to allow the cutting of running cables

HT-TC026

Ø25mm



Cu/Al /Aldrey/Steel/ACSR

- Weight: 3,2 Kg
- Double speed action
- Head can be opened to allow the cutting of running cables
- 180° rotating head

HT-TC051

Ø50mm



Cu/Al

- Weight: 4,38 Kg
- Double speed action
- Head can be opened to allow the cutting of running cables
- 90° rotating head

BATTERY POWERED HYDRAULIC CRIMPING TOOLS

B500ND

6-300mm²



Crimping force: 60kN

- Weight: 3.15 Kg
- Li-Ion 18.0V 2.0Ah Battery
- Multifunction OLED Display
- Bilinear structure
- Smart release
- 180° rotating head
- Electronic Pressure Sensor "EPS"

B600CND

6-300mm²



Crimping force: 60kN

- Weight: 3.15 Kg
- Li-Ion 18.0V 2.0Ah Battery
- Multifunction OLED Display
- Bilinear structure
- Smart release
- 180° rotating head
- Electronic Pressure Sensor "EPS"

B1350-C

10-400mm²



Crimping force: 132kN

- Weight: 6.5 Kg
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

B1300-C

10-400mm²



Crimping force: 132kN

- Weight: 6.8 Kg
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

B1300L-C

10-400mm²



Crimping force: 132kN

- Weight: 8.0 Kg
- Large 42 mm jaw opening
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

B1300-UC

10-400mm²



Crimping force: 132kN

- Weight: 6.5 Kg
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

BATTERY POWERED HYDRAULIC CUTTING TOOLS AND CRIMPING & CUTTING HEADS

RH50

6-300mm²



Crimping force: 50kN

- Weight: 1,6 Kg
- Max operating pressure: 700 bar
- Head can be opened

RHC131

10-400mm²



Crimping force: 130kN

- Weight: 3,8 Kg
- Max operating pressure: 700 bar
- Jaw opening: 25 mm
- Same crimping range as HT131-C

RHM50

6-300mm²



Crimping force: 50kN

- Weight: 1,6 Kg
- Max operating pressure: 700 bar
- Same crimping range as B500ND; B500
- Particularly suitable for high volume bench crimping.

RHU131-C

10-400mm²



Crimping force: 130kN

- Weight: 3,7 Kg
- Max operating pressure: 700 bar
- Uses accessories for deep stepped indenting with containing dies

RHM132

10-400mm²



Crimping force: 130kN

- Weight: 3,1 Kg
- Max operating pressure: 700 bar
- Same crimping range as HT131-C
- Particularly suitable for high volume bench crimping.

TC050

Ø50mm



Cu/Al

- Weight: 3,2 Kg
- Max operating pressure: 700 bar
- Head can be opened to allow the cutting of running cables

B-TC500

Ø50mm



Cu/Al

- Weight: 5,8 Kg
- Li-Ion 18.0V 5.2Ah Battery
- 90° rotating head
- Head can be opened to allow the cutting of running cables

B-TC320NDF

Ø32mm



Cu/Al

- Weight: 4,0 Kg
- Li-Ion 18.0V 2.0Ah Battery
- Bilinear structure
- 180° rotating head
- LED lighting
- Scissor head facilitates the cutting of cables

PULLER-TYPE HOLE PUNCHING TOOL, PORTABLE HYDRAULIC PUMPS AND BENCH PRESS TOOL

RH-FL75

Ø140mm



Max punching Ø: 140 mm

- Weight: 1,9 Kg
- Max operating pressure: 700 bar
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø11,5mm

HT-FL75

Ø140mm



Max punching Ø: 140 mm

- Weight: 2,4 Kg
- Punching head pivots 180° through a full 360° rotation
- Double speed action
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø11,5mm

B-FL750ND

Ø140mm



Max punching Ø: 140 mm

- Weight: 4,1 Kg
- Li-Ion 18.0V 5.2Ah Battery
- Punching head pivots 180° through a full 360° rotation
- Double speed action
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø11,5mm

B68M-P18

700bar



ELECTRO-HYDRAULIC PUMP

- Operating pressure: 700 Bar
- Weight: 5,6 Kg
- Li-Ion 18.0V 5.2Ah Battery
- LED working lights and OLED display
- Remote control
- Supplied with 2m flexible hose
- Double speed action

CPE-1

700bar



ELECTRICALLY DRIVEN HYDRAULIC PUMP

- Operating pressure: 700 Bar
- Weight: 21 Kg
- Powered by a 230V / 50-60Hz single-phase electrical motor
- Supplied with 2 m high pressure flexible hose
- Remote hand controller
- External supply connection cable
- Degree of protection IP55

PNB-1

0,2-35mm²



BENCH PRESS TOOL


- Nominal operating pressure: 6 bar
- Weight: 23 Kg
- Operated by a manual control
- Consistent crimped connection
- Extensive range of interchangeable dies
- Available for crimping a wide variety of connectors

INSULATED CRIMP TERMINALS

RF BF GF




PVC INSULATED - ring terminals



Cond. Size mm ²	Colour Code	Stud Diameter mm									
		M3	M3.5	M4	M5	M6	M8	M10	M12	M14	M16
0,25 ÷ 1,5	Red	RF-M3	RF-M3.5	RF-M4	RF-M5	RF-M6	RF-M8	RF-M10	RF-M12	—	—
1,5 ÷ 2,5	Blue	BF-M3	BF-M3.5	BF-M4	BF-M5	BF-M6	BF-M8	BF-M10	BF-M12	—	—
4 ÷ 6	Yellow	GF-M3	GF-M3.5	GF-M4	GF-M5	GF-M6	GF-M8	GF-M10	GF-M12	GF-M14	GF-M16


PVC INSULATED - fork/spade terminals



Cond. Size mm ²	Colour Code	Stud Diameter mm									
		M3	M3.5	M4	M5	M6	M8	M10	M12	M14	M16
0,25 ÷ 1,5	Red	RF-U3	RF-U3.5	RF-U4	RF-U5	RF-U6	RF-U8	RF-U10	RF-U12	—	—
1,5 ÷ 2,5	Blue	BF-U3	BF-U3.5	BF-U4	BF-U5	BF-U6	BF-U8	BF-U10	BF-U12	BF-U14	—
4 ÷ 6	Yellow	GF-U3	GF-U3.5	GF-U4	GF-U5	GF-U6	GF-U8	GF-U10	GF-U12	GF-U14	GF-U16


The unique funnel shaped PVC sleeve guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection. The internal surface of the barrel is rifled to improve contact with conductor strands when crimped and to increase tensile strength. The "F" range of terminals offers a wide selection of rings, forks, pins and blades, designed to meet the ever changing end user requirements. The operating temperature range is -20 to +80°C (Surge +90°C). Also available Halogen Free.

PVC INSULATED - pin terminals



Cond. Size mm ²	Colour Code	Pin length mm			
		8,0	10,0	12,0	14,0
0,25 ÷ 1,5	Red	RF-P8	RF-P10	RF-P12	—
1,5 ÷ 2,5	Blue	BF-P8	BF-P10	BF-P12	—
4 ÷ 6	Yellow	—	GF-P10	GF-P12	GF-P14

PVC INSULATED - blade terminals




Cond. Size mm ²	Colour Code	Blade length mm				
		12,8/13,3*	13,2	14,8	17,2	33,3
0,25 ÷ 1,5	Red	RF-PP12	RF-PP12/23	RF-PP14	RF-PP16/23	—
1,5 ÷ 2,5	Blue	BF-PP12	BF-PP12/25	—	BF-PP16/25	—
4 ÷ 6	Yellow	GF-PP12	—	—	—	GF-PP17

* Dimension for GF-PP12.

RF-F BF-F GF-F



FEMALE DISCONNECT TERMINALS - Polycarbonate insulated terminals



Cond. Size mm ²	Colour Code	Tab Size mm				
		2,8x0,5	2,8x0,8	4,8x0,5	4,8x0,8	6,35x0,8
0,25 ÷ 1,5	Red	RF-F305	RF-F308*	RF-F405	RF-F408	RF-F608
1,5 ÷ 2,5	Blue	—	—	BF-F405	BF-F408	BF-F608
4 ÷ 6	Yellow	—	—	—	—	GF-F608


- Electrolytically Tin plated
- The operating temperature range is -20 to +115°C (Surge +130°C).
- Add to code: P for fully insulated terminals.

*Not UL approved

RF-M BF-M GF-M



MALE DISCONNECT TERMINALS Polycarbonate insulated




Cond. Size mm ²	Tab Size mm	Colour Code	partially insulated	fully insulated
0,25 ÷ 1,5	6,35x0,8	Red	RF-M608	RF-M608P
1,5 ÷ 2,5	6,35x0,8	Blue	BF-M608	BF-M608P
4 ÷ 6	6,35x0,8	Yellow	GF-M608	—

- Electrolytically Tin plated
- The operating temperature range is -20 to +115°C (Surge +130°C).

NL-P

CLOSE END CONNECTORS Polyamide PA6.6 insulated



Cond. Size mm ²	Colour Code	Type
0,25 ÷ 1,5	Red	NL03-P
1,5 ÷ 2,5	Blue	NL06-P
4 ÷ 6	Yellow	NL06-PB
10	Red	NL1-P
16	Blue	NL1-PG

- Electrolytically Tin plated
- The operating temperature range is -20 to +115°C (Surge +130°C).

PL



BUTT AND PARALLEL CONNECTORS PVC insulated




Cond. Size mm ²	Colour Code	Type
0,2 ÷ 0,5	Green	PL01-M†
0,25 ÷ 1,5	Red	PL03-M
1,5 ÷ 2,5	Blue	PL06-M
4 ÷ 6	Yellow	PL1-M
0,25 ÷ 1,5	Red	PL03-P*
1,5 ÷ 2,5	Blue	PL06-P*

- Electrolytically Tin plated
- The operating temperature range is -20 to +80°C (Surge +90°C).

*Not UL approved

NL-M

BUTT CONNECTORS Polyamide PA6.6 insulated



Cond. Size mm ²	Colour Code	Type
0,25 ÷ 1,5	Red	NL03-M
1,5 ÷ 2,5	Blue	NL06-M
4 ÷ 6	Yellow	NL1-M
10	Red	NL2-M
16	Blue	NL3-M

- Electrolytically Tin plated
- The operating temperature range is -20 to +115°C (Surge +130°C).

INSULATED END SLEEVES



PA6 INSULATED



Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type
0,3 ÷ 0,5		PKD506	1,5		PKD1508	10		PKD1012
		PKD508			PKD1510			PKD1018
		PKD510			PKD1512			PKD1612
0,75		PKD7506	2,5		PKD1518	16		PKD1618
		PKD7508			PKD2508			PKD25016
		PKD7510			PKD2512			PKD25022
		PKD7512			PKD2518			PKD35016
1		PKD106	4		PKD410	50		PKD35025
		PKD108			PKD412			PKD50020
		PKD110			PKD418			PKD50025
		PKD112						
			6		PKD612			
					PKD618			



PA6 INSULATED



Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type
0,1÷0,3		PKE308	4		PKE410
0,3÷0,5		PKE508			PKE412
0,75		PKE7508			PKE418
1		PKE108	6		PKE612
		PKE1508			PKE618
1,5		PKE1510	10		PKE1012
		PKE1518			PKE1018
		PKE2508			PKE1612
2,5		PKE2512	16		PKE1618
		PKE2518			PKE25016
					PKE25022



PA6 INSULATED



Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type
0,3 ÷ 0,5		PKC508	2,5		PKC2508	25		PKC25016
		PKC510			PKC2512			PKC25022
0,75		PKC7508	4		PKC2518	35		PKC35016
		PKC7512			PKC410			PKC35025
1		PKC108	4		PKC412	50		PKC50020
		PKC112			PKC418			PKC50025
1,5		PKC1508	6		PKC612	70		PKC70022*
		PKC1510			PKC618			PKC95025*
		PKC1518			PKC1012			PKC120027*
					PKC1018			
					PKC1612			
		PKC1618						

*Not UL approved



"TWIN" PA6 INSULATED



Cond. Size mm ²	Colour	Type	Cond. Size mm ²	Colour	Type
2x0,5		PKT508	2x2,5		PKT2510
		PKT510			PKT2512
2x0,75		PKT7508	2x4		PKT412
		PKT7510			2x6
2x1		PKT108	2x10		PKT1014*
		PKT110			2x16
2x1,5		PKT1508			
		PKT1510			

*Not UL approved

The PK.. range of end sleeves is manufactured from Tin plated electrolytic Copper with a purity greater than 99.9%. Designed and developed to reinforce fine wire strands when terminating a cable into a connector block. The PKD series of insulated end sleeves comply with specification DIN 46228/4.

The operating temperature range is - 20 to + 115°C (Surge + 130°C).

MECHANICAL CRIMPING TOOLS

HP3 HP5



Crimpstar®

Crimping range:
PVC, PC and PA6.6 insulated terminals and connectors for conductor sizes:

- **HP3:** 0,25 to 6 sqmm
- **HP5:** 0,5 to 6 sqmm (for both right and left handed operators)
- Length: 235 mm

HN-A25



Crimpstar®

Crimping range:
Uninsulated terminals and connectors A-M, L-M and L-P series for conductor sizes:

- 10 to 25 sqmm
- Length: 230 mm

ZKE610N ZKE616N



ZKEN

Crimping range:
Single aperture, ratchet controlled tool for crimping end sleeves for conductor sizes:

- **ZKE610N:** 0,1 to 10 sqmm
- **ZKE616N:** 0,1 to 16 sqmm

HWE1N



HWE1N with interchangeable dies

- A single tool body with a range of interchangeable dies allows a quick and simple transfer from one cable/connector combination to another, across a range of applications. the tool is supplied without dies.
- Length: 240 mm

HNKE4 HNKE16 HNKE50



Crimpstar®

Crimping range:
End sleeves for conductor sizes:

- **HNKE4:** 0,5 to 4 sqmm
- **HNKE16:** 4 to 16 sqmm
- **HNKE50:** 25 - 35 -50 sqmm
- Length: 235 mm

HN1 HN5



Crimpstar®

Crimping range:
Uninsulated terminals and connectors for conductor sizes:

- **HN1:** 0,25 to 10 sqmm
- **HN5:** 10 and 16 sqmm
- Length: 235 mm

TNE-A50 TNE-A120



TNE

Crimping range:
Uninsulated terminals and connectors A-M, L-M and L-P series for conductor sizes:

- **TNE-A50:** 6 to 50 sqmm
- **TNE-A120:** 10 to 120 sqmm

ASSORTMENT CASE

VALSTAR-N1 VALSTAR-N2 VALSTAR-N3



PLASTIC CASE

- | | | |
|---|---|---|
| VALSTAR-N1
<ul style="list-style-type: none"> • a selection of end sleeves PKC cond. size 1 to 6 mm² • Cable ties type G100X2.5 • Tool type ZKE610N | VALSTAR-N2
<ul style="list-style-type: none"> • a selection of end sleeves PKE cond. size 1 to 6 mm² • Cable ties type G100X2.5 • Tool type ZKE610N | VALSTAR-N3
<ul style="list-style-type: none"> • a selection of end sleeves PKD cond. size 1 to 6 mm² • Cable ties type G100X2.5 • Tool type ZKE610N |
|---|---|---|

VALSTAR-N4

PLASTIC CASE

- Containing:
- An assortment of PVC insulated crimp terminals for conductor sizes 0,25 to 6 mm²
 - Cable ties G100X2.5
 - Tool Crimpstar® HP3.



VALSTAR-N5

PLASTIC CASE

- Containing:
- Tool type HWE1N
 - KE16-WE die
 - RBY-WE die



CABLE TIES

CABLE TIES IN PA6.6

Material: PA6.6 Polyamide Self-extinguishing V2 (UL 94)
 Humidity absorption: 2,5% (at 50% relative humidity)
 Operating temperature:
 From -40°C to +85°C (continuous)
 From -40°C to +120°C (short periods)
 Resistant to:
 oils, greases, oil products, chlorinated solvents.
 Colour: Natural or Black (Ral 2005)



A	L	Type	A	L	Type	A	L	Type	A	L	Type	A	L	Type
2,4	80	G80X2.4	2,8	250	G250X2.8	4,8	120	G120X4.8	7,6	150	G150X7.6	12,6	230	G230X12.6
		G80X2.4N			G250X2.8N			G120X4.8N			G150X7.6N			G230X12.6N
		G80X2.4/M			G300X2.8			G160X4.8			G200X7.6			G380X12.6
		G80X2.4N/M			G300X2.8N			G160X4.8N			G200X7.6N			G380X12.6N
90	90	G90X2.4	3,6	120	G120X3.6	4,8	160	G190X4.8	7,6	200	G250X7.6	12,6	230	G480X12.6
		G90X2.4N			G120X3.6N			G190X4.8N			G250X7.6N			G480X12.6N
		G100X2.5			G140X3.6			G190X4.8/M			G300X7.6			G580X12.6
		G100X2.5N			G140X3.6N			G190X4.8N/M			G300X7.6N			G580X12.6N
100	100	G100X2.5/M	3,6	140	G140X3.6/M	4,8	190	G200X4.8	7,6	300	G370X7.6	12,6	580	G730X12.6
		G100X2.5N/M			G140X3.6N/M			G200X4.8N			G370X7.6N			G730X12.6N
		G120X2.5			G150X3.6			G200X4.8/M			G430X7.6			G880X12.6
		G120X2.5N			G150X3.6N			G200X4.8N/M			G430X7.6N			G880X12.6N
140	140	G140X2.5	3,6	180	G180X3.6	4,8	250	G250X4.8/M	9,0	530	G530X7.6	12,6	1030	G1030X12.6
		G140X2.5N			G180X3.6N			G250X4.8N/M			G530X7.6N			G1030X12.6N
		G140X2.5/M			G200X3.6			G250X4.8			G430X9.0			
		G140X2.5N/M			G200X3.6N			G250X4.8N			G430X9.0N			
160	160	G160X2.5	3,6	200	G200X3.6/M	4,8	280	G280X4.8	9,0	530	G530X9.0	12,6	1030	G1030X12.6
		G160X2.5N			G200X3.6N/M			G280X4.8N			G530X9.0N			
		G160X2.5/M			G250X3.6			G300X4.8			G710X9.0			
		G160X2.5N/M			G250X3.6N			G300X4.8N			G710X9.0N			
200	200	G200X2.5	3,6	250	G300X3.6	4,8	370	G370X4.8	9,0	780	G780X9.0	12,6	1030	G1030X12.6
		G200X2.5N			G300X3.6N			G370X4.8N			G780X9.0N			
		G200X2.5/M			G300X3.6/M			G390X4.8			G830X9.0			
		G200X2.5N/M			G300X3.6N/M			G390X4.8N			G830X9.0N			
200	200	G370X3.6	3,6	300	G370X3.6N	4,8	390	G430X4.8	9,0	920	G920X9.0	12,6	1030	G1030X12.6
		G370X3.6N			G370X3.6N/M			G430X4.8N			G920X9.0N			
		G450X4.8			G450X4.8N			G450X4.8			G1020X9.0			
		G450X4.8N			G450X4.8N			G450X4.8N			G1020X9.0N			
200	200	G530X4.8	3,6	370	G530X4.8N	4,8	430	G530X4.8	9,0	1020	G1220X9.0	12,6	1030	G1220X9.0
		G530X4.8N			G530X4.8N			G530X4.8			G1220X9.0			
		G530X4.8			G530X4.8N			G530X4.8			G1220X9.0			
		G530X4.8N			G530X4.8N			G530X4.8N			G1220X9.0N			

CABLE GLANDS

1900



MAXIblock®

Material: POLYAMIDE PA6.6
 Sealing ring: NEOPRENE®
 Protection: IP 68
 Temperature range:
 -40°C to +100°C (static)
 -20°C to +90°C (dynamic)
 Standard is Light Grey.
 Add to code: N for Black,
 G for Dark Grey



Thread	Type			
	Standard	Extended Entry	Reduced Entry	Extended Thread
M12x1,5	1900.M12	-	1910.M12	1901.M12
M16x1,5	1900.M16	-	1910.M16	1901.M16
M20x1,5	1900.M20	1940.M20	1910.M20	1901.M20
M25x1,5	1900.M25	1940.M25	1910.M25	1901.M25
M32x1,5	1900.M32	1940.M32	1910.M32	1901.M32
M40x1,5	1900.M40	1940E.M40 1941E.M40 1940.M40 1941.M40	1910.M40	1901.M40
M50x1,5	1900.M50	1940.M50 1940E.M50	1910.M50	1901.M50
M63x1,5	1900.M63	1940.M63	1910.M63	1901.M63

Thread	Type		
	Standard	Reduced Entry	Extended Thread
Pg7	1900.07	1910.07	1901.07
Pg9	1900.09	1910.09	1901.09
Pg11	1900.11	1910.11	1901.11
Pg13,5	1900.13	1910.13	1901.13
Pg16	1900.16	1910.16	1901.16
Pg21	1900.21	1910.21	1901.21
Pg29	1900.29	1910.29	1901.29
Pg36	1900.36	1910.36	1901.36
Pg42	1900.42	1910.42	1901.42
Pg48	1900.48	1910.48	1901.48

*VDE only for Metric thread

1500



spiralblock®

Material: POLYAMIDE PA6.6
 Sealing ring: NEOPRENE®
 Protection: IP 68
 Temperature range:
 -40°C to +100°C (static)
 -20°C to +90°C (dynamic)
 Standard is Light Grey.
 Add to code: N for Black



Thread	Type
	Standard
M12x1,5	1500.M12
M16x1,5	1500.M16
M20x1,5	1500.M20
M25x1,5	1500.M25
M32x1,5	1500.M32

Thread	Type
	Standard
Pg7	1500.07
Pg9	1500.09
Pg11	1500.11
Pg13,5	1500.13
Pg16	1500.16
Pg21	1500.21

Thread	Type
	Standard
G1/4"	1500.14
G3/8"	1500.38
G1/2"	1500.12
G3/4"	1500.34

*VDE only for Metric thread

CABLE GLANDS

2900



MAXIbrass®

Material: NICKEL PLATED BRASS
 Sealing ring: NEOPRENE®
 Cable grip insert: POLYAMIDE PA6.6
 O-Ring: NITRILE 70 sh A
 Protection: IP 68
 Temperature range:
 -40°C to +100°C (static)
 -25°C to +100°C (dynamic)



Thread	Type				
	Standard	Extended Entry	Reduced Entry	Extended Thread	Ext / Reduced
M12x1,5	2900.M12N	2940.M12N	2910.M12N	2901.M12N	2911.M12N
M16x1,5	2900.M16N	2940.M16N	2910.M16N	2901.M16N	2911.M16N
M20x1,5	2900.M20N	2940.M20N	2910.M20N	2901.M20N	2911.M20N
M25x1,5	2900.M25N	2940.M25N	2910.M25N	2901.M25N	2911.M25N
M32x1,5	2900.M32N	2940.M32N	2910.M32N	2901.M32N	2911.M32N
M40x1,5	2900.M40N	2940.M40N	2910.M40N	2901.M40N	2911.M40N
M50x1,5	2900.M50N	2940.M50N 2940E.M50N	2910.M50N	2901.M50N	2911.M50N
M63x1,5	2900.M63N	2940.M63N	2910.M63N	-	-
M75x1,5	2900.M75N	-	2910.M75N 2910E.M75N	-	-

Thread	Type			
	Standard	Reduced Entry	Extended Thread	Ext / Reduced
Pg7	2900.07N	2910.07N	2901.07N	2911.07N
Pg9	2900.09N	2910.09N	2901.09N	2911.09N
Pg11	2900.11N	2910.11N	2901.11N	2911.11N
Pg13,5	2900.13N	2910.13N	2901.13N	2911.13N
Pg16	2900.16N	2910.16N	2901.16N	2911.16N
Pg21	2900.21N	2910.21N	2901.21N	2911.21N
Pg29	2900.29N	2910.29N	2901.29N	2911.29N
Pg36	2900.36N	2910.36N	2901.36N	2911.36N
Pg42	2900.42N	2910.42N	2901.42N	2911.42N
Pg48	2900.48N	2910.48N	-	-

*VDE only for Metric thread

7900



MAXIinox

Material: STAINLESS STEEL 303/316L
 Sealing ring: NEOPRENE®
 Cable grip insert: POLYAMIDE PA6.6
 O-Ring: NITRILE 70 sh A
 Protection: IP 68
 Temperature range:
 -40°C to +100°C (static)
 -25°C to +100°C (dynamic)



Thread	Type	
	Steel AISI 303	Steel AISI 316L
M12x1,5	7900.M12	7900A.M12
M16x1,5	7900.M16	7900A.M16
M20x1,5	7900.M20	7900A.M20
M25x1,5	7900.M25	7900A.M25
M32x1,5	7900.M32	7900A.M32
M40x1,5	7900.M40	7900A.M40
M50x1,5	7900.M50	7900A.M50
M63x1,5	7900.M63	7900A.M63

Thread	Type	
	Steel AISI 303	Steel AISI 316L
Pg7	7900.07	7900A.07
Pg9	7900.09	7900A.09
Pg11	7900.11	7900A.11
Pg13,5	7900.13	7900A.13
Pg16	7900.16	7900A.16
Pg21	7900.21	7900A.21
Pg29	7900.29	7900A.29
Pg36	7900.36	7900A.36
Pg42	7900.42	7900A.42
Pg48	7900.48	7900A.48

T-BLOCK MODULAR TERMINALS



The CEMBRE catalogue offers a wide range of modular terminals providing connection solutions in various applications, for example, feed-through, grounding, and fused circuits with protection function.

The range includes screw-clamp or push-in clamp connections and are available for applications up to 1000 V, complying with various international standards. Offerings include terminals for applications in switchboards, electrical installations, lighting, electrical distribution.



WITH SCREW CLAMP

↓ for earthing applications

mm ²	standard	two level	disconnect	with fuse	standard	two level
mm ²	Type	Type	Type	Type	Type	Type
2.5	TBS2.5 TBS2.5-BU	TBS2.5-L2	TBS2.5D	-	TBSG2.5	-
4	TBS4 TBS4-BU	TBS4-L2	TBS4D	TBS4F TBS4F-L2 TBS4F-R	TBSG4	TBSG4-L2
6	TBS6 TBS6-BU	-	TBS6D	-	TBSG6	-
10	TBS10 TBS10-BU	-	-	-	TBSG10	-
16	TBS16	-	-	-	TBSG16	-
25	TBS25	-	-	-	-	-
35	TBS35	-	-	-	TBSG35	-
50	TBS50	-	-	-	TBSG50	-
70	TBS70	-	-	-	-	-
95	TBS95	-	-	-	-	-

PUSH-IN

↓ for earthing applications

mm ²	standard	multiconductor	two level	disconnect	with fuse	standard	multiconductor
mm ²	Type	Type	Type	Type	Type	Type	Type
1.5	TBP1.5	-	-	-	-	-	-
2.5	TBP2.5	TBP2.5X1-2 TBP2.5X2-2	TBP2.5-L2	TBP2.5D	-	TBPG2.5	TBPG2.5X1-2 TBPG2.5X2-2
4	TBP4	TBP4X1-2 TBP4X2-2	-	TBP4D	TBP4F	TBPG4	TBPG4X1-2 TBPG4X2-2
6	TBP6	-	-	-	-	TBPG6	-
10	TBP10	-	-	-	-	TBPG10	-

A wide range of accessories when jumper bars, end plates etc. are available to help the installer achieve maximum benefit from using the terminals.

TERMINAL BLOCKS

ONE WAY TERMINAL BLOCKS

ZETAmini®



mm ²	Type
2.5	Z2.5-1
6	Z6-1
10	Z10-1
16	Z16-1
25	Z25-1
35	Z35-1

SINGLE POLE TERMINAL BLOCKS

ZETApiù®



mm ²	N°ways	Type	mm ²	N°ways	Type	mm ²	N°ways	Type	mm ²	N°ways	Type	
1÷6	3	Z6-3	16	3	Z16-3	35	12	Z16-12	↓ for earthing applications	(1) 35	11	Z35T-11
		Z6-3D			Z16-3D			(2) 16				
	5	Z6-5		4	Z16-4		3	Z35-3		(2) 35	26	Z35-26D
		Z6-5D			Z16-4D			Z35-3D				
	6	Z6-6		5	Z16-5N		4	Z35-4		(2) 50	10	Z50-10D
		Z6-6D			Z16-5ND			Z35-4D				
10	Z6-10	(2) 16	8	Z16-8	(2) 35	6	Z35-6					
	Z6-10D	(6) 6	(2÷6)	Z16-8D	(4) 16	(2÷4)	Z35-6D					

D= Version with clamp for DIN rail () = Ways

DISTRIBUTION BLOCKS

UNIPOLAR DISTRIBUTION BLOCKS



Connecting Capacity mm ²	N° inputs	N° outputs	Type
6÷16	1	6 (4+2)	DB80-6/1N
10÷35	1	7 (6+1)	DB125-7/1N
10÷70	1	7 (6+1)	DB160-7/1N
35÷120	1	11 (2+5+4)	DB250-11/1N
95÷185	1	11 (2+5+4)	DB400-11/1N
8x24 Flex. Busbar	1	11 (2+5+4)	DB500-11/1N

BIPOLAR DISTRIBUTION BLOCKS



Connecting Capacity mm ²	N° inputs	N° outputs	Type
6÷16 4÷10	2	15	DB40-15/2
10÷25	1	6 (3+3)	DB100-6/2
10÷25	2	13 (6+7)	DB100-13/2
10÷35	1	6 (5+1)	DB125-6/2
10÷35	1	14 (11+3)	DB125-14/2
10÷35 10÷16	2	13 (11+2)	DB125-14/2C

TETRAPOLAR DISTRIBUTION BLOCKS



Connecting Capacity mm ²	N° inputs	N° outputs	Type
6÷16 4÷10	2	11	DB40-11/4
10÷25	1	6 (3+3)	DB100-6/4
10÷25	2	13 (6+7)	DB100-13/4
10÷35	1	6 (5+1)	DB125-6/4
10÷35	1	10 (7+3)	DB125-10/4
10÷35 10÷16	2	9 (7+2)	DB125-10/4C
10÷35	1	14 (11+1+2)	DB125-14/4
10÷35 10÷16	2	13 (11+2)	DB125-14/4C
10÷50	1	11 (3+7+1)	DB160-11/4

PROFESSIONAL EQUIPMENT



SC5X SC6X



PROFESSIONAL SCISSORS

Extremely lightweight and robust for safe, easy handling and comfort.

Easy cutting of conductor up to 50 sqmm using the shaped grooves in each blade.

HB14



WIRE STRIPPERS HB RANGE

Automatic stripping force adjustment according to the cable section.

For cables from 0,2 to 6,0 sqmm.
Stripping length adjustable from 6 to 18 mm.
Conductor cut from 0,2 to 2,5 sqmm.

KIT-CTBB1-1



POUCH KIT

Made from soft and strong fabric, equipped with a fast stud belt fastening.

It has handy preformed compartments for holding pliers, scissors and screwdrivers.

KSDC7-KV



SET OF 7 PROFESSIONAL SCREWDRIVERS

The CEMBRE range of insulated screwdrivers have dual compound handgrips and an ergonomic design making them particularly practical and comfortable. The size of the insulating cover allows it to be inserted into tight spaces.

Each individual screwdriver is tested in accordance with EN 60900

PLIERS



PROFESSIONAL PLIERS, NIPPERS & GRIPS

The design of CEMBRE insulated pliers and the use of dual-compound plastic material in the handle cover optimise the distribution of the force over the entire surface in contact with the palm of the hand.

As for all CEMBRE insulated tools, each individual pair of pliers is tested in accordance with EN 60900.

KIT-CSTB1-1

SOFT LINE



KIT-VAL-GPTA-1

HARD LINE



KIT-TRL02-1

TROLLEY



KIT-CTBP1-1

BACKPACK



PROFESSIONAL TOOL HOLDERS

CEMBRE offers a range of tool holders designed to provide professional users with practical and neat ways to optimise their time and working conditions.

IDENTIFICATION & LABELLING SYSTEMS

THERMAL TRANSFER PRINTER FOR SHEET MEDIA MG4



The MARKINGENIUS®MG4 is CEMBRE's newest solution for identification & labelling requirements, designed to offer a high quality and long-lasting print for text, logos, electrical symbols, QR codes and all kinds of vector images.

Equipped with a ribbon save system, a useful function that allows you to consume only the ribbon needed for printing.

THERMAL TRANSFER PRINTER FOR ROLL MEDIA ROLLY3000



ROLLY3000E is ideal for printing all CEMBRE flat material on rolls, eg. cable tags for holders, tie on, wraparound cable markers, legend strips and labels.

Maximum print area: 105 mm wide, up to 200 mm long.



APP Geniuspro Mobile

SPEED

prints 112 4x10 cable tags in less than 12 seconds

CONVENIENCE

software provides quick and easy upload of the data to be printed

ECONOMY

prints around 300.000 4x10 cable tags with a single ribbon

QUALITY

printer resolution 300x600 dpi

SPEED

prints 4.000 4x10 cable tags in less than two minutes, 1.000 thermoshrinking tubes in less than 3 minutes

CONVENIENCE

software provides quick and easy upload of the data to be printed

ECONOMY

prints around 140.000 4x10 cable tags with a single ribbon

QUALITY

printer resolution 300 dpi

HOW TO MARK

SINGLE CABLES



MG-TDM



MG-TPMF



KM-ROLL



TERMO-ROLL



TERMINAL BLOCKS



MG-CPM

MG-CPMF



MG-VYB



COMPONENTS



MG-TAP



MG-TAPW



MG-PLC



MG-TAA



PLATES - LABELS PUSH BUTTONS



MG-SIGNS



MG-SIGNS



MG-PTS



MG-VRT-A/AH



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