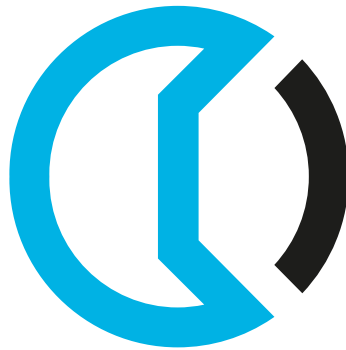


PRODUCT OVERVIEW - INDUSTRY

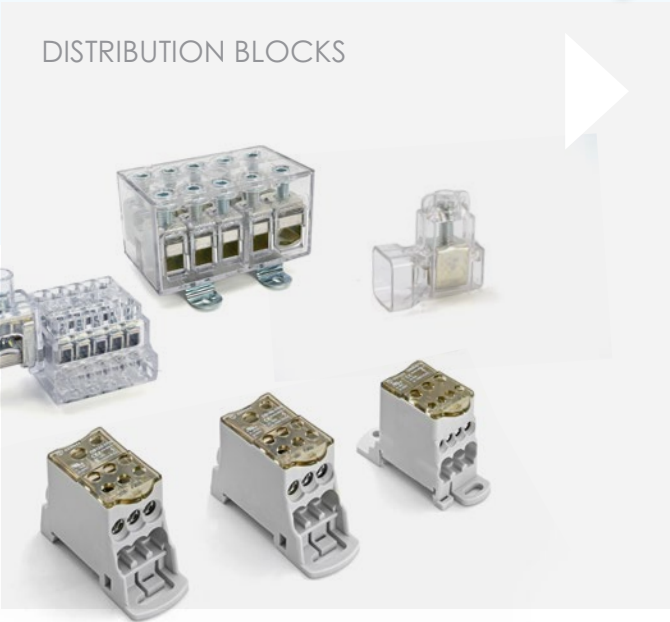
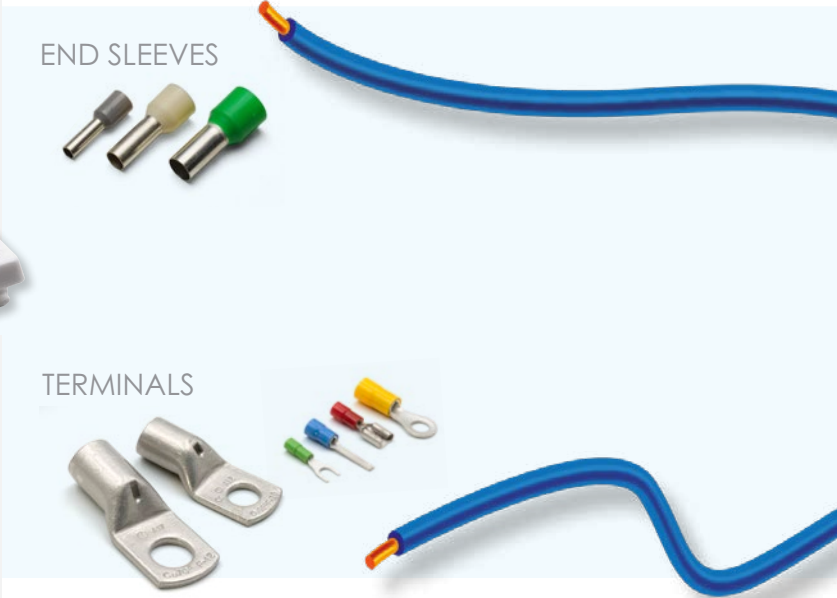
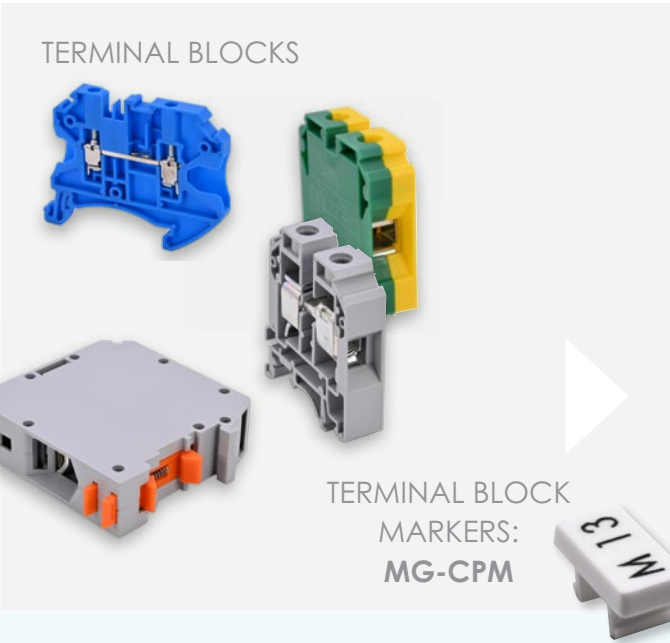


CEMBRE



FOLLOW THE CABLE STRATEGY

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





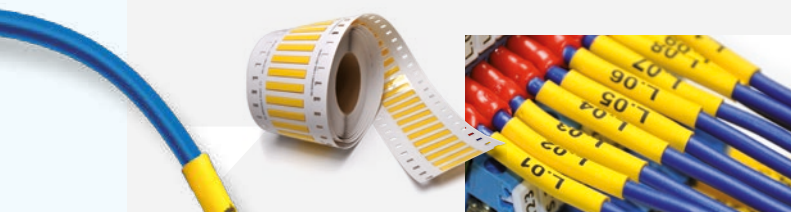
CABLE GLANDS



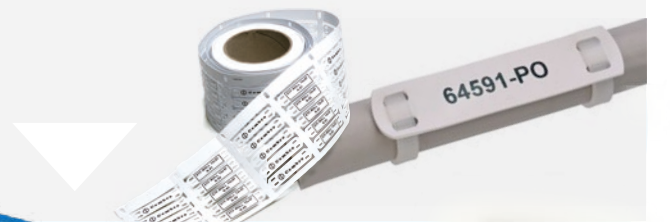
CABLE ENTRY SYSTEMS EWO



PRINTABLE HEAT-SHRINKABLE TUBE



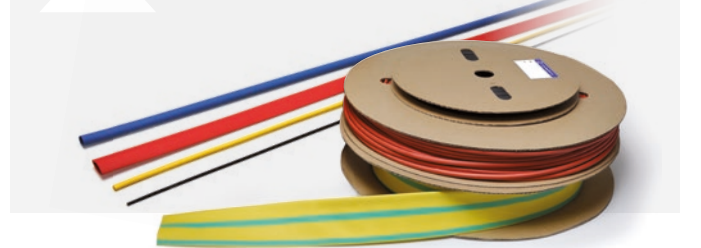
TIE ON SOLUTIONS: ETF



CABLE TIES



HEAT-SHRINKABLE TUBE



INSULATED CRIMP TERMINALS

RF BF GF



PVC INSULATED - ring terminals



Cond. Size AWG	Color Code	Stud Diameter in.									
		#4	#6	#8	#10	1/4	5/16	3/8	1/2	9/16	5/8
22 - 16	Red	RF-M3	RF-M3.5	RF-M4	RF-M5	RF-M6	RF-M8	RF-M10	RF-M12	—	—
16 - 14	Blue	BF-M3	BF-M3.5	BF-M4	BF-M5	BF-M6	BF-M8	BF-M10	BF-M12	—	—
12 - 10	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 AWG	Color Code	Stud Diameter in.									
		#4	#6	#8	#10	1/4	5/16	3/8	1/2	9/16	5/8
22 - 16	Red	RF-U3	RF-U3.5	RF-U4	RF-U5	RF-U6	RF-U8	RF-U10	RF-U12	—	—
16 - 14	Blue	BF-U3	BF-U3.5	BF-U4	BF-U5	BF-U6	BF-U8	BF-U10	BF-U12	—	—
12 - 10	Yellow	—	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 - 4 to + 176°F (Surge + 194°F). Also available Halogen Free.

PVC INSULATED - pin terminals



Cond. Size AWG	Color Code	Pin length in.			
		0.31	0.39	0.47	0.55
22 - 16	Red	RF-P8	RF-P10	RF-P12	—
16 - 14	Blue	BF-P8	BF-P10	BF-P12	—
12 - 10	Yellow	—	GF-P10	GF-P12	GF-P14

PVC INSULATED - blade terminals



Cond. Size AWG	Color Code	Blade length in.				
		0.50	0.52	0.58	0.68	0.76
22 - 16	Red	RF-PP12	RF-PP12/23	RF-PP14	RF-PP16/23	—
16 - 14	Blue	BF-PP12	BF-PP12/25	—	BF-PP16/25	—
12 - 10	Yellow	GF-PP12	—	—	—	GF-PP17

RF-F BF-F GF-F



FEMALE DISCONNECT TERMINALS - Polycarbonate insulated terminals



Cond. Size AWG	Color Code	Tab Size in.				
		0.11 x 0.02	0.11 x 0.03	0.19 x 0.02	0.19 x 0.03	0.25 x 0.03
22 - 16	Red	RF-F305	RF-F308*	RF-F405	RF-F408	RF-F608
16 - 14	Blue	—	—	BF-F405	BF-F408	BF-F608
12 - 10	Yellow	—	—	—	—	GF-F608

- Electrolytically tin plated
- The operating temperature range is - 4 to + 239°F (Surge + 266°F).
- Add to code: P for fully insulated terminals.

*Not UL approved

PL



BUTT AND PARALLEL CONNECTORS PVC insulated



Cond. Size AWG	Color Code	Type
24 - 20	Green	PL01-M*
22 - 16	Red	PL03-M
16 - 14	Blue	PL06-M
12 - 10	Yellow	PL1-M
22 - 16	Red	PL03-P*
16 - 14	Blue	PL06-P*

- Electrolytically tin plated
- The operating temperature range is - 4 to + 176°F (Surge + 194°F).

*Not UL approved

RF-M BF-M GF-M



MALE DISCONNECT TERMINALS Polycarbonate insulated



Cond. Size AWG	Tab Size in.	Color Code	partially insulated	fully insulated
22 - 16	0.25 x 0.03	Red	RF-M608	RF-M608P
16 - 14	0.25 x 0.03	Blue	BF-M608	BF-M608P
12 - 10	0.25 x 0.03	Yellow	GF-M608	—

- Electrolytically tin plated
- The operating temperature range is - 4 to + 239°F (Surge + 266°F).

NL-P

CLOSE END CONNECTORS Nylon insulated



Cond. Size AWG	Color Code	Type
22 - 16	Red	NL03-P
16 - 14	Blue	NL06-P
12 - 10	Yellow	NL1-P
12 - 10	Yellow	NL1-PG

- Electrolytically tin plated
- The operating temperature range is - 4 to + 239°F (Surge + 266°F).

NL-M

BUTT CONNECTORS Nylon insulated



Cond. Size AWG	Color Code	Type
22 - 16	Red	NL03-M
16 - 14	Blue	NL06-M
12 - 10	Yellow	NL1-M
8 - 7	Red	NL2-M
6 - 5	Blue	NL3-M

- Electrolytically tin plated
- The operating temperature range is - 4 to + 239°F (Surge + 266°F).

INSULATED END SLEEVES

PKD



PA6 INSULATED



Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type
22 - 20		PKD506	16		PKD1508	8-7		PKD1012
		PKD508			PKD1510			PKD1018
		PKD510			PKD1512			PKD1612
18		PKD7506	14		PKD1518	6-5		PKD1618
		PKD7508			PKD2508			PKD25016
		PKD7510			PKD2512			PKD25022
		PKD7512			PKD2518			PKD35016
17		PKD106	12		PKD410	2		PKD35025
		PKD108			PKD412			PKD50020
		PKD110			PKD418			PKD50025
		PKD112						
			10		PKD612	1/0		
					PKD618			

PKE



PA6 INSULATED



Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type
26 - 22		PKE308	12		PKE410
22 - 20		PKE508			PKE412
18		PKE7508			PKE418
17		PKE108	10		PKE612
		PKE1508			PKE618
16		PKE1510	8-7		PKE1012
		PKE1518			PKE1018
		PKE2508			PKE1612
14		PKE2512	6-5		PKE1618
		PKE2518			PKE25016
					PKE25022

PKC



PA6 INSULATED



Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type
22-20		PKC508	14		PKC2508	4		PKC25016
		PKC510			PKC2512			PKC25022
18		PKC7508	12		PKC2518	2		PKC35016
		PKC7512			PKC410			PKC35025
17		PKC108	10		PKC412	1/0		PKC50020
		PKC112			PKC418			PKC50025
16		PKC1508	8-7		PKC612	2/0		PKC70022*
		PKC1510			PKC618			PKC95025*
		PKC1518			PKC1012			PKC120027*
			6-5		PKC1018	250MCM		
					PKC1612			
					PKC1618			

*Not UL approved

PKT



"TWIN" PA6 INSULATED



Cond. Size AWG	Color	Type	Cond. Size AWG	Color	Type
2x20		PKT508	2x14		PKT2510
		PKT510			PKT2512
2x18		PKT7508	2x12		PKT412
		PKT7510			PKT614
2x17		PKT108	2x8-7		PKT1014*
		PKT110			PKT1614
2x16		PKT1508	2x6-5		
		PKT1512			

*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 - 4 to + 239°F (Surge + 266°F).

CONNECTORS FOR CONTROL, POWER AND DISTRIBUTION

C



COLOR CODED COPPER CRIMPING LUGS

C 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. Lugs are electrolytically tin plated to avoid oxidation.

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

Cond. Size AWG	Color Code	Stud Diameter in.									
		#8	#10	1/4	5/16	3/8	1/2	9/16	5/8	3/4	7/8
8	RED	C8-8	C8-10	C8-14	C8-516	C8-38					
6	BLUE	C6-8	C6-10	C6-14	C6-516	C6-38	C6-12				
4	GREY	C4-8	C4-10	C4-14	C4-516	C4-38	C4-12				
3	WHITE	C3-8	C3-10	C3-14	C3-516	C3-38	C3-12				
2	BROWN		C2-10	C2-14	C2-516	C2-38	C2-12				
1	GREEN			C1-14	C1-516	C1-38	C1-12				
1/0	PINK			C1/0-14	C1/0-516	C1/0-38	C1/0-12	C1/0-916	C1/0-58		
2/0	BLACK			C2/0-14	C2/0-516	C2/0-38	C2/0-12	C2/0-916	C2/0-58	C2/0-34	
3/0	ORANGE			C3/0-14	C3/0-516	C3/0-38	C3/0-12	C3/0-916	C3/0-58	C3/0-34	
4/0	PURPLE			C4/0-14	C4/0-516	C4/0-38	C4/0-12	C4/0-916	C4/0-58	C4/0-34	
250 MCM	YELLOW			C250-14	C250-516	C250-38	C250-12	C250-916	C250-58	C250-34	C250-78
300 MCM	WHITE				C300-516	C300-38	C300-12	C300-916	C300-58	C300-34	C300-78
350 MCM	RED					C350-38	C350-12	C350-916	C350-58	C350-34	C350-78
400 MCM	BLUE					C400-38	C400-12	C400-916	C400-58	C400-34	C400-78
500 MCM	BROWN					C500-38	C500-12	C500-916	C500-58	C500-34	C500-78
600 MCM	GREEN						C600-12	C600-916	C600-58	C600-34	C600-78
750 MCM	BLACK						C750-12		C750-58	C750-34	C750-78

CL



COLOR CODED COPPER CRIMPING LUGS

The CL series connectors have the same characteristics as the C series except for the long barrel.

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

Cond. Size AWG	Color Code	Stud Diameter in.							
		#10	1/4	5/16	3/8	1/2	9/16	5/8	
8	RED	CL8-10	CL8-14		CL8-38				
6	BLUE	CL6-10	CL6-14			CL6-12			
4	GREY	CL4-10	CL4-14		CL4-38	CL4-12			
3	WHITE		CL3-14	CL3-516	CL3-38	CL3-12			
2	BROWN	CL2-10	CL2-14	CL2-516		CL2-12			
1	GREEN	CL1-10		CL1-516		CL1-12			
1/0	PINK	CL1/0-10		CL1/0-516	CL1/0-38	CL1/0-12			
2/0	BLACK				CL2/0-38	CL2/0-12			
3/0	ORANGE					CL3/0-12			
4/0	PURPLE				CL4/0-38	CL4/0-12			
250 MCM	YELLOW					CL250-12			
300 MCM	WHITE					CL300-12			
350 MCM	RED					CL350-12			
400 MCM	BLUE					CL400-12		CL400-58	
500 MCM	BROWN					CL500-12		CL500-58	
600 MCM	GREEN					CL600-12		CL600-58	
750 MCM	BLACK					CL750-12		CL750-58	

*Without inspection hole

CL-D



COLOR CODED COPPER CRIMPING LUGS

The CL-D series connectors have the same characteristics as the CL series except for the double hole.

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

Cond. Size AWG	Color Code	Stud Diameter in.				
		1/4	1/4	3/8	3/8	1/2
8	RED	CL8-D14	CL8-D141	CL8-D38		
6	BLUE	CL6-D14	CL6-D141	CL6-D38		CL6-DN
4	GREY	CL4-D14	CL4-D141	CL4-D38		CL4-DN
3	WHITE			CL3-D38		CL3-DN
2	BROWN	CL2-D14	CL2-D141	CL2-D38	CL2-DN38	CL2-DN
1	GREEN	CL1-D14	CL1-D141	CL1-D38		CL1-DN
1/0	PINK	CL1/0-D14	CL1/0-D141	CL1/0-D38		CL1/0-DN
2/0	BLACK	CL2/0-D14	CL2/0-D141	CL2/0-D38		CL2/0-DN
3/0	ORANGE		CL3/0-D141	CL3/0-D38		CL3/0-DN
4/0	PURPLE		CL4/0-D141	CL4/0-D38	CL4/0-DN38	CL4/0-DN
250 MCM	YELLOW			CL250-D38		CL250-DN
300 MCM	WHITE			CL300-D38		CL300-DN
350 MCM	RED		CL350-D141	CL350-D38		CL350-DN
400 MCM	BLUE		CL400-D141	CL400-D38		CL400-DN
500 MCM	BROWN		CL500-D141	CL500-D38		CL500-DN
600 MCM	GREEN			CL600-D38		CL600-DN
750 MCM	BLACK			CL750-D38	CL750-DN38	CL750-DN

BSCL



COLOR CODED SPICES

BSCL range of connectors are designed for jointing low voltage conductors in heavy duty applications.

Made of electrolytic copper tube with a purity greater than 99.9%, annealed and electrolytically tin plated.

They feature an internal taper at both ends to ease the introduction of the conductor and a central stop to ensure correct positioning. UL listed for US and Canada per UL486A up to 35 KV.

Cond. Size AWG	Color Code	Type
8	RED	BSCL8
6	BLUE	BSCL6
4	GREY	BSCL4
3	WHITE	BSCL3
2	BROWN	BSCL2
1	GREEN	BSCL1
1/0	PINK	BSCL1/0
2/0	BLACK	BSCL2/0
3/0	ORANGE	BSCL3/0
4/0	PURPLE	BSCL4/0
250 MCM	YELLOW	BSCL250
300 MCM	WHITE	BSCL300
350 MCM	RED	BSCL350
400 MCM	BLUE	BSCL400
500 MCM	BROWN	BSCL500
600 MCM	GREEN	BSCL600
750 MCM	BLACK	BSCL750

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, and any bending of the palm during installation.

Version with double fixing hole available, series A-2M

Cond. Size AWG	Stud Diameter in.								
	#8	#10	1/4	5/16	3/8	1/2	9/16	5/8	3/4
12 - 10	A1-M4	A1-M5	A1-M6	A1-M8	A1-M10				
8	A2-M4	A2-M5	A2-M6	A2-M8	A2-M10	A2-M12			
6	A3-M4	A3-M5	A3-M6	A3-M8	A3-M10	A3-M12			
4	A5-M4	A5-M5	A5-M6	A5-M8	A5-M10	A5-M12			
2		A7-M5	A7-M6	A7-M8	A7-M10	A7-M12			
2 - 1/0			A10-M6	A10-M8	A10-M10	A10-M12	A10-M14	A10-M16	
1/0 - 2/0			A14-M6	A14-M8	A14-M10	A14-M12	A14-M14	A14-M16	
2/0 - 3/0			A19-M6	A19-M8	A19-M10	A19-M12	A19-M14	A19-M16	A19-M20
3/0 - 250 MCM				A24-M8	A24-M10	A24-M12	A24-M14	A24-M16	A24-M20
250 - 300 MCM				A30-M8	A30-M10	A30-M12	A30-M14	A30-M16	A30-M20
300 - 350 MCM				A37-M8	A37-M10	A37-M12	A37-M14	A37-M16	A37-M20
350 - 500 MCM				A48-M8	A48-M10	A48-M12	A48-M14	A48-M16	A48-M20
500 - 600 MCM					A60-M10	A60-M12	A60-M14	A60-M16	A60-M20
800 MCM						A80-M12	A80-M14	A80-M16	A80-M20
1000 MCM								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 AWG	Stud Diameter in.					
	#10	1/4	5/16	3/8	1/2	5/8
8	A2-M5/9					
6	A3-M5/9					
4	A5-M5/9					
2		A7B-M6/11.5*				
2 - 1/0		A10B-M6/11.5*				
1/0 - 2/0		A14B-M6/11.5*				
2/0 - 3/0			A19B-M8/15.5*			
3/0 - 250 MCM			A24B-M8/19*	A24B-M10/19*		
250 - 300 MCM			A30B-M8/19*	A30B-M10/19*		
300 - 350 MCM				A37B-M10/24.5*		
350 - 500 MCM				A48-M10/31	A48-M12/31	A48-M16/31
500 - 600 MCM				A60B-M10/31*	A60B-M12/31*	

*Without inspection hole

A-2M



COPPER TUBE CRIMPING LUGS

A-2M.. series lugs are manufactured from electrolytic copper tube conforming to EN13600.

The tube dimensions are designed to optimize electrical conductivity and mechanical strength.

Palms feature double stud holes at standard 1.75 inch centers. Other configurations are available upon request.

Cond. Size AWG	Stud Diameter in.					
	M8	M10	M12	M14	M16	M16/
2	A7-2M8	A7-2M10	A7-2M12			
2 - 1/0	A10-2M8	A10-2M10	A10-2M12			
1/0 - 2/0	A14-2M8	A14-2M10	A14-2M12	A14-2M14		
2/0 - 3/0		A19-2M10	A19-2M12	A19-2M14	A19-2M16	
3/0 - 250 MCM		A24-2M10	A24-2M12	A24-2M14	A24-2M16	
250 - 300 MCM		A30-2M10	A30-2M12	A30-2M14		
300 - 350 MCM		A37-2M10	A37-2M12	A37-2M14		
350 - 500 MCM		A48-2M10	A48-2M12	A48-2M14	A48-2M16	
500 - 600 MCM		A60-2M10	A60-2M12	A60-2M14	A60-2M16	A60-2M16/36
800 MCM			A80-2M12	A80-2M14	A80-2M16	A80-2M16/41
1000 MCM			A100-2M12	A100-2M14	A100-2M16	
1250 MCM			A120-2M12		A120-2M16	
1500 MCM			A160-2M12			

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 AWG	Stud Diameter in.					
	M8	M10	M12	M14	M16	M20
6	2A3-M8	2A3-M10				
4	2A5-M8	2A5-M10	2A5-M12			
2	2A7-M8	2A7-M10	2A7-M12			
2 - 1/0		2A10-M10	2A10-M12	2A10-M14	2A10-M16	
1/0 - 2/0		2A14-M10	2A14-M12	2A14-M14	2A14-M16	
2/0 - 3/0		2A19-M10	2A19-M12	2A19-M14	2A19-M16	2A19-M20
3/0 - 250 MCM		2A24-M10	2A24-M12	2A24-M14	2A24-M16	2A24-M20
250 - 300 MCM		2A30-M10	2A30-M12	2A30-M14	2A30-M16	2A30-M20
300 - 350 MCM			2A37-M12	2A37-M14	2A37-M16	2A37-M20
350 - 500 MCM			2A48-M12	2A48-M14	2A48-M16	2A48-M20
500 - 600 MCM			2A60-M12	2A60-M14	2A60-M16	2A60-M20
800 MCM			2A80-M12	2A80-M14	2A80-M16	2A80-M20

CONNECTORS FOR CONTROL, POWER AND DISTRIBUTION

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 AWG	Stud Diameter in.						
	1/4	5/16	3/8	1/2	9/16	5/8	3/4
8	HR10-6N	HR10-8N	HR10-10N	HR10-12N			
6	HR16-6N	HR16-8N	HR16-10N	HR16-12N			
4	HR25-6N	HR25-8N	HR25-10N	HR25-12N	HR25-14N		
2	HR35-6N	HR35-8N	HR35-10N	HR35-12N	HR35-14N	HR35-16N	
1/0	HR50-6N	HR50-8N	HR50-10N	HR50-12N	HR50-14N	HR50-16N	HR50-20N
2/0	HR70-6N	HR70-8N	HR70-10N	HR70-12N	HR70-14N	HR70-16N	HR70-20N
3/0		HR95-8N	HR95-10N	HR95-12N	HR95-14N	HR95-16N	HR95-20N
250 MCM		HR120-8N	HR120-10N	HR120-12N	HR120-14N	HR120-16N	HR120-20N
300 MCM		HR150-8N	HR150-10N	HR150-12N	HR150-14N	HR150-16N	HR150-20N
350 MCM			HR185-10N	HR185-12N	HR185-14N	HR185-16N	HR185-20N
500 MCM			HR240-10N	HR240-12N	HR240-14N	HR240-16N	HR240-20N
600 MCM				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 AWG	Stud Diameter in.						
	#10	1/4	5/16	3/8	1/2	5/8	3/4
8	DR10-5N	DR10-6N	DR10-8N*	DR10-10N*			
6		DR16-6N	DR16-8N	DR16-10N	DR16-12N*		
4		DR25-6N	DR25-8N	DR25-10N	DR25-12N		
2		DR35-6N*	DR35-8N	DR35-10N	DR35-12N	DR35-16N*	
1/0		DR50-6N*	DR50-8N	DR50-10N	DR50-12N	DR50-16N	
2/0			DR70-8N	DR70-10N	DR70-12N	DR70-16N	DR70-20N*
3/0			DR95-8N*	DR95-10N	DR95-12N	DR95-16N	DR95-20N*
250 MCM			DR120-8N*	DR120-10N	DR120-12N	DR120-16N	DR120-20N
300 MCM				DR150-10N	DR150-12N	DR150-16N	DR150-20N
350 MCM				DR185-10N	DR185-12N	DR185-16N	DR185-20N
500 MCM				DR240-10N*	DR240-12N	DR240-16N	DR240-20N
600 MCM					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 AWG	Stud Diameter in.						
	#10	1/4	5/16	3/8	1/2	9/16	5/8
12-10	T6-M5	T6-M6	T6-M8				
8	T10-M5	T10-M6	T10-M8	T10-M10			
6	T16-M5	T16-M6	T16-M8	T16-M10			
4		T25-M6	T25-M8	T25-M10	T25-M12		
2		T35-M6	T35-M8	T35-M10	T35-M12		
1/0		T50-M6	T50-M8	T50-M10	T50-M12		
2/0			T70-M8	T70-M10	T70-M12		
3/0			T95-M8	T95-M10	T95-M12	T95-M14	T95-M16
250 MCM			T120-M8	T120-M10	T120-M12	T120-M14	T120-M16
300 MCM				T150-M10	T150-M12	T150-M14	T150-M16
350 MCM				T185-M10	T185-M12	T185-M14	T185-M16
500 MCM				T240-M10	T240-M12	T240-M14	T240-M16
600 MCM				T300-M10	T300-M12	T300-M14	T300-M16
800 MCM						T400-M16	T400-M20



CRIMPING CONNECTORS ACCORDING TO DIN 46234

Q type connectors are manufactured from electrolytic copper strip with a purity greater than 99.9%, annealed and surface protected by tin plating; dimensions are compliant with DIN 46234; the sleeve is brazed with a silver-copper alloy.

Details of the conductor csa and stud diameter are engraved on the palm.

Cond. Size AWG	Stud Diameter in.						
	#8	#10	1/4	5/16	3/8	1/2	5/8
10-8	Q10-4	Q10-5	Q10-6	Q10-8	Q10-10	Q10-12	
8-6		Q16-5	Q16-6	Q16-8	Q16-10	Q16-12	
6-4		Q25-5	Q25-6	Q25-8	Q25-10	Q25-12	Q25-16
4-2			Q35-6	Q35-8	Q35-10	Q35-12	Q35-16
2-1/0			Q50-6	Q50-8	Q50-10	Q50-12	Q50-16
1/0-2/0			Q70-6	Q70-8	Q70-10	Q70-12	Q70-16
2/0-3/0				Q95-8	Q95-10	Q95-12	Q95-16
3/0-250MCM				Q120-8	Q120-10	Q120-12	Q120-16
250-300 MCM					Q150-10	Q150-12	Q150-16
300-350 MCM					Q185-10	Q185-12	Q185-16
350-500 MCM					Q240-10	Q240-12	Q240-16

C-C



SLEEVE CONNECTORS

"C" connectors are manufactured from copper profiles with a purity greater than 99.9%, and are suitable for a variety of uses either to create an earthing network or tapping off from overhead distribution lines.



Cond. Size AWG		Type
Run	Tap	
#9 - #13	#9 - #15	C6-C6
#7	#7 - #15	C10-C10
#5	#5 - #15	C16-C16
#3 - #5	#7 - #15	C25-C10
#3	#3 - #5	C25-C25
#1 - #2	#5 - #15	C35-C16
#1 - #2	#1 - #3	C35-C35
1/0	#3 - #7	
2/0	#3 - #15	C70-C25N
1/0	#3 - #11	C50-C25
1/0	1/0 - #2	C50-C50
2/0 - 1/0	#1	C70-C35
2/0 - 1/0	2/0 - #11	C70-C70
4/0	#1	C95-C35
4/0	2/0	C95-C70
4/0	4/0	C95-C95
250 - 4/0	250 - #3	C120-C120
300 MCM	250 - #3	C150-C120
250 MCM	250 MCM	
300 MCM	300 MCM	C150-C150
250 MCM	250 MCM	
350 MCM	4/0 - #5	C185-C95
350 - 250 MCM	350 - 250 MCM	C185-C185
500 - 300 MCM	250 - 2/0	C240-C120

CBMC-N



BIMETALLIC CONNECTORS WITH A SHORT BARREL

The small size of the CBMC-N series cable lugs facilitates connections in cubicles, circuit breakers and motor terminal boxes.

These terminals are designed exclusively for industrial networks and can be compressed with a hexagonal die. These terminals are tested according to NFC 63-061 class B and IEC 61238-1-3 standards.

Cond. Size AWG	Stud Diameter in.			
	5/16	3/8	1/2	9/16
2	CBMC35-M8N			
1/0	CBMC50-M8N			
2/0		CBMC70-M10N		
3/0		CBMC95-M10N		
250 MCM		CBMC120-M10N	CBMC120-M12N	
300 MCM		CBMC150-M10N	CBMC150-M12N	
350 MCM		CBMC185-M10N	CBMC185-M12N	
500 MCM		CBMC240-M10N	CBMC240-M12N	
600 MCM		CBMC300-M10N	CBMC300-M12N	CBMC300-M14N

CAA-M



BIMETALLIC CONNECTORS

The barrels of series CAA-M connectors are made from aluminum 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 aluminum barrel.

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

Cond. Size AWG	Stud Diameter in.			
	3/8	1/2	9/16	5/8
8		CAA10-M12		
6		CAA16-M12		
4		CAA25-M12		
2		CAA35-M12		
1/0		CAA50-M12		
2/0		CAA70-M12		
3/0	CAA95-M10	CAA95-M12		
250 MCM		CAA120-M12		
300 MCM		CAA150-M12		
350 MCM		CAA185-M12		
500 MCM		CAA240-M12		
600 MCM		CAA300-34-M12	CAA300-34-M14	CAA300-34-M16
				CAA300-M16
800 MCM		CAA400-M12		CAA400-M16
1000 MCM				CAA500-M16TN8D

MECHANICAL CRIMPING TOOLS

HP3 HP5



Crimpstar®

Crimping range:

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

- **HP3:** 23 to 10 AWG
- **HP5:** 20 to 10 AWG (for both right and left handed operators)
- Length: 9.2 in.



HN-A25



Crimpstar®

Crimping range:

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

- **HN-A25:** 8 to 4 AWG

Cu tube lugs DR (DIN 46235) and through connectors DSV (DIN 46267) for conductor sizes:

- **HN-D25:** 8 to 4 AWG

Cu tube lugs HR and through connectors HSV for conductor sizes:

- **HN-H25:** 8 to 4 AWG

Cu tube lugs T-M, T-L and through connectors L-T for conductor sizes:

- **HN-T25:** 8 to 4 AWG
- Length: 9.0 in.



ZKE610N ZKE616N



ZKEN

Crimping range:

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

- **ZKE610N:** 27 to 7 AWG
- **ZKE616N:** 27 to 5 AWG



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: 9.45 in.



HNKE4 HNKE16 HNKE50



Crimpstar®

Crimping range:

End sleeves for conductor sizes:

- **HNKE4:** 20 to 12 AWG
- **HNKE16:** 12 to 6 AWG
- **HNKE50:** 3 - 2 - 1/0 AWG
- Length: 9.3 in.



HN1 HN5



Crimpstar®

Crimping range:

Uninsulated terminals and connectors for conductor sizes:

- **HN1:** 22 to 8 AWG
- **HN5:** 8 to 6 AWG
- Length: 9.2 in.



TNE-50 TNE-120

TNE

Crimping range:

For Cu terminals and connectors A-M, L-M and L-P series for conductor sizes:

- **TNE-A50:** 10 to 1/0 AWG
- **TNE-A120:** 8 to 250 AWG

For uninsulated terminals and connectors according to DIN 46235 and DIN 46267 T.1:

- **TNE-D50:** 10 to 1/0 AWG
- **TNE-D120:** 8 to 250 AWG

For uninsulated copper tube lugs HR and through connectors HSV:

- **TNE-H50:** 10 to 1/0 AWG
- **TNE-H120:** 8 to 250 AWG

For Cu tube lugs T-M (NFC 20-130), T-L and through connectors L-T:

- **TNE-T50:** 10 to 1/0 AWG
- **TNE-T120:** 8 to 250 AWG



HYDRAULIC TOOLS WITHOUT DIE SETS

BD300NDSA

8-250MCM

HR
family

A-M
family



Crimping force: 3.4 tons

- Compression type: punching
- Weight: 5.7 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Bilinear structure
- LED lighting
- 180° rotating head

BD600NDA

8-500MCM

HR
family

A-M
family



Crimping force: 6 tons

- Compression type: punching
- Weight: 6.8 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Bilinear structure
- LED lighting
- 180° rotating head

HYDRAULIC TOOLS FROM 6 TONS

B450ND-BVA

12-10AWG to 300MCM



Crimping force: 6 tons

- Weight: 5.7 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Bilinear structure
- LED lighting
- 180° rotating head

HYDRAULIC TOOLS AND HEADS FROM 6 TONS

B500NDA

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 6.9 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Multifunction OLED Display
- Bilinear structure
- Smart release
- 180° rotating head
- Electronic Pressure Sensor "EPS"

KIT-HT51-1

12-10AWG to 500MCM

A-M
family

Kit includes:

HT51 hydraulic tool

plastic carrying case

9 die sets:

ME5-50

ME7-50

ME10-50

ME14-50

ME19-50

ME24-50

ME30-50

ME37-50

ME48-50

Hexagonal crimp
for low voltage
terminals and
through
connectors
from 4 to 500 MCM
A-M family

KIT-HT51-MK

12-10AWG to 500MCM

DR
family

Kit includes:

HT51 hydraulic tool

Plastic carrying case

9 die sets:

MK8-50

MK10-50

MK12-50

MK14-50

MK16-50

MK18-50

MK20-50

MK22-50

MK25-50

Hexagonal crimp
for low voltage
terminals and
through
connectors
from 6 to 350 MCM
DIN 46235 family



Crimping force: 6 tons

- Weight: 5.9 lbs.
- Double speed action
- 180° rotating head

RH50

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 3.5 lbs.
- Max operating pressure: 10,000 psi
- Same crimping range as B500NDA; B500A

RHM50

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 3.5 lbs.
- Max operating pressure: 10,000 psi
- Same crimping range as B500NDA; B500A
- Particularly suitable for high volume bench crimping.

HYDRAULIC TOOLS AND HEADS FROM 6 TONS

B600CND

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 6.9 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Multifunction OLED Display
- Bilinear structure
- Smart release
- 180° rotating head
- Electronic Pressure Sensor "EPS"

HT60C

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 7.3 lbs.
- Double speed action
- 180° rotating head

RH60C

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 4.0 lbs.
- Max operating pressure: 700 bar
- Head can be opened

TN60C

12-10AWG to 600MCM



Crimping force: 6 tons

- Weight: 8.2 lbs.
- 360° rotating head
- Telescopic extendable handles

HYDRAULIC TOOLS AND HEADS FROM 12 TONS

B1350-CA

8-800MCM



Crimping force: 12 tons

- Weight: 14.3 lbs.
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

B1350L-CA

8-800MCM



Crimping force: 12 tons

- Weight: 17.8 lbs.
- Large 1.7 in. jaw opening
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

B1350-UCA

8-800MCM



Crimping force: 12 tons

- Weight: 13.8 lbs.
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display
- Double speed action
- LED lighting
- Electronic Pressure Sensor "EPS"

KIT-HT131-C-1

8-800MCM

A-M
family

Kit includes:

HT131-C Hydraulic tool	
plastic carrying case	
7 die sets:	
ME10-C	Hexagonal crimp for low voltage terminals and through connectors from 1/0 to 500 mcm A-M family
ME14-C	
ME19-C	
ME24-C	
ME30-C	
ME37-C	
ME48-C	

KIT-131-C-MK

8-800MCM

DR
family

Kit includes:

HT131-C Hydraulic tool	
plastic carrying case	
11 die sets:	
MK6-C	Hexagonal crimp for low voltage terminals and through connectors from 8 to 500 mcm DIN 46235 family
MK8-C	
MK10-C	
MK12-C	
MK14-C	
MK16-C	
MK18-C	
MK20-C	
MK22-C	
MK25-C	
MK28-C	



RHC131

8-800MCM



Crimping force: 12 tons

- Weight: 8.4 lbs.
- Max operating pressure: 10,000 psi
- Jaw opening: 1.0 in.
- Same crimping range as HT131-C

RHU131-C

8-800MCM



Crimping force: 12 tons

- Weight: 8.1 lbs.
- Max operating pressure: 10,000 psi
- Uses accessories for deep stepped indenting with containing dies

Crimping force: 12 tons

- Weight: 12.1 lbs.
- Double speed action
- 180° rotating head
- Will accept all semi-circular slotted dies

RHM132

8-800MCM



Crimping force: 12 tons

- Weight: 6.8 lbs.
- Max operating pressure: 10,000 psi
- Same crimping range as HT131-C
- Particularly suitable for high volume bench crimping.

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



B-FL750NDA

Ø 5.5 in.

18V CORDLESS PULLER-TYPE HOLE PUNCHING TOOL

- Max punching Ø: 5.5 in.
- Weight: 9.0 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- Punching head pivots 180° through a full 360° rotation
- Double speed action
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø 0.45 in.



HT-FL75

Ø 5.5 in.

PULLER-TYPE HOLE PUNCHING TOOL

- Max punching Ø: 5.5 in.
- Weight: 8.1 lbs.
- Punching head pivots 180° through a full 360° rotation
- Double speed action
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø 0.45 in.



RH-FL75

Ø 5.5 in.

PULLER-TYPE HOLE PUNCHING HEAD

- Max punching Ø: 5.5 in.
- Max operating pressure: 10,000 psi
- Weight: 4.2 lbs.
- Works with a hydraulic pump
- 90° rotating coupler
- Supplied with Pullers TD-11, TD-19 and spiral bit Ø 0.45 in.



B68M-P18A

10,000 psi

ELECTRO-HYDRAULIC PUMP

- Operating pressure: 10,000 psi
- Weight: 12.0 lbs.
- Li-Ion 18.0V 5.2Ah Battery
- Multifunction OLED Display and LED lighting
- Remote control
- Supplied with 6.5 ft. flexible hose
- Double speed action
- Smart release



CPE-1

10,000 psi

ELECTRICALLY DRIVEN HYDRAULIC PUMP

- Operating pressure: 10,000 psi
- Weight: 46.2 lbs.
- Powered by a 110-115V / 50-60Hz single-phase electrical motor
- Supplied with 6.5 ft. high pressure flexible hose
- Remote hand controller
- External supply connection cable
- Degree of protection IP55



PNB-1

24/20-2 AWG

BENCH PRESS TOOL

- Nominal operating pressure: 100 psi
- Weight: 50.72 lbs.
- Operated by a manual control
- Consistent crimped connection
- Extensive range of interchangeable dies
- Available for crimping a wide variety of connectors



PROFESSIONAL MECHANICAL TOOLS FOR CUTTING AND STRIPPING



KT1N

Ø 0.59 in.



Cu/Al

- Weight: 0.58
- Ideal for copper and aluminum cables/wires.
- Not suitable for Class 5 and 6 cables, ACSR, armored cables or steel wire.

KT2N

Ø 0.79 in.



Cu/Al

- Weight: 0.79 in.
- Ideal for copper and aluminum cables/wires.
- Not suitable for Class 5 and 6 cables, ACSR, armored cables or steel wire.

HB14



WIRE STRIPPERS HB RANGE

- Automatic stripping force adjustment according to the cable section.
- The stripping force can be manually adjusted even for very soft or tough insulation for cables from 24 to 10 AWG.
- Stripping length adjustable from 0.24 to 0.71 in.
- Conductor cut from 24 to 14 AWG.

HB10



CABLE STRIPPING TOOL HB RANGE

- Insulated knife has an interchangeable straight blade and plastic blade protector that folds into the handle.
- Ergonomic handle made of anti-shock plastic material

KT45

Ø 1.8 in.



Cu/Al

- Weight: 2.1
- Head can be opened to allow the cutting of running cables
- Not suitable for Class 5 and 6 cables, ACSR, armored cables or steel wire.

SC5X SC6X



PROFESSIONAL SCISSORS

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

Easy cutting of conductor up to 1/0 AWG using the shaped grooves in each blade.

HB23



WIRE STRIPPERS HB RANGE

- Round cable cutting system with intelligent, interchangeable bracket. Supplied as standard with brackets for cables No. 28 and 35, for the most common cable types from 0.31 to 1.38 in. Ø.
- Thanks to this system, all the most common types of cables, from 0.16 to 2.75 in. diameter, can be stripped with just one tool.
- Intelligent bracket change according to stripping diameter
- Blade length: 0.14 in.
- Cutting depth adjustment sliding stop to set the height of the hook blade according to insulation thickness
- Knife length: 0.11 in. to 0.18 in.



B-TC320NDFA

Ø 1.26 in.

Cu/Al

- Weight: 8.8 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- 180° rotating head
- Scissor head facilitates the cutting of cables



B-TC400ND-SCA

Ø 1.57 in.

Cu/Al

- Weight: 7.8 lbs.
- Li-Ion 18.0V 2.0Ah Battery
- 180° rotating head
- Scissor head facilitates the cutting of cables



HT-TC026Y

Ø 1 in.

Cu/Al /Aldrey/Steel/ACSR

- Weight: 7.4 lbs.
- Double speed action
- Head can be opened to allow the cutting of running cables
- 180° rotating head



HT-TC051

Ø 2 in.

Cu/Al

- Weight: 9.6 lbs.
- Double speed action
- Head can be opened to allow the cutting of running cables
- 90° rotating head



TC025

Ø 1 in.

Cu/Al /Aldrey/Steel/ACSR

- Weight: 4.4 lbs.
- Max operating pressure: 10,000 psi
- Head can be opened to allow the cutting of running cables



TC050

Ø 2 in.

Cu/Al

- Weight: 7.0 lbs.
- Max operating pressure: 10,000 psi
- Head can be opened to allow the cutting of running cables



PROFESSIONAL EQUIPMENT

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, optimize 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-CTBB1-1

POUCH KIT



KIT-CSTB1-1

SOFT LINE



PROFESSIONAL TOOL HOLDERS

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

KIT-TRL02-1

TROLLEY



KIT-CTBP1-1

BACKPACK



ASSORTMENT CASE

VALSTAR-N1 VALSTAR-N2 VALSTAR-N3



PLASTIC CASE

VALSTAR-N1

- a selection of end sleeves PKC cond. size 17 - 10 AWG
- Cable ties type G100X2.5
- Tool type ZKE610N

VALSTAR-N2

- a selection of end sleeves PKE cond. size 17 - 10 AWG
- Cable ties type G100X2.5
- Tool type ZKE610N

VALSTAR-N3

- a selection of end sleeves PKD cond. size 17 - 10 AWG
- Cable ties type G100X2.5
- Tool type ZKE610N

VALSTAR-N4

PLASTIC CASE

Containing:

- An assortment of PVC insulated crimp terminals for conductor sizes 22 - 10 AWG
- Cable ties type G100X2.5
- Tool Crimpstar® HP3



VALSTAR-N5

PLASTIC CASE

Containing:

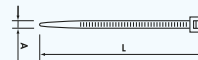
- Tool type HWE1N
- KE16-WE die
- RBY-WE die



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°F to +185°F (continuous)
From -40°F to +248°F (short periods)
Resistant to: oils, greases, oil products,
chlorinated solvents.
Color: Natural or Black (Ral 2005)



A	L	Type	A	L	Type	A	L	Type	A	L	Type	A	L	Type
0.09	3.15	G80X2.4	0.11	9.84	G250X2.8	0.19	4.72	G120X4.8	0.30	5.91	G150X7.6	0.50	9.06	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			G190X4.8			G250X7.6			G480X12.6
	3.54	G90X2.4		4.72	G120X3.6		7.48	G190X4.8N		9.84	G250X7.6N		18.9	G480X12.6N
		G90X2.4N			G140X3.6			G190X4.8N/M			G300X7.6			G580X12.6
		G100X2.5			G140X3.6N			G200X4.8			G370X7.6			G730X12.6
		G100X2.5N			G140X3.6/M		7.87	G200X4.8N		11.81	G370X7.6N		22.83	G880X12.6
	3.94	G100X2.5/M		5.51	G150X3.6			G200X4.8N/M		14.57	G430X7.6			G1030X12.6
		G120X2.5			G150X3.6N			G250X4.8			G530X7.6			G1030X12.6N
		G120X2.5N			G180X3.6		9.84	G250X4.8N/M		16.93	G530X7.6N			
		G140X2.5			G180X3.6N			G250X4.8		20.87	G430X9.0			
0.10	4.72	G140X2.5N		7.09	G200X3.6		9.84	G250X4.8N		0.35	G430X9.0N		16.93	G530X9.0
		G140X2.5/M			G200X3.6N			G280X4.8			G530X9.0N			G710X9.0
		G160X2.5			G200X3.6/M			G300X4.8			G710X9.0N			G780X9.0
		G160X2.5N			G250X3.6		11.02	G370X4.8		20.87	G780X9.0N		27.95	G830X9.0
	5.51	G140X2.5/M		7.87	G250X3.6N			G370X4.8N			G830X9.0N			G920X9.0
		G160X2.5			G250X3.6N		11.81	G390X4.8		32.68	G920X9.0N			G1020X9.0
		G160X2.5N			G300X3.6			G430X4.8			G1020X9.0N			G1220X9.0
		G200X2.5			G300X3.6N			G450X4.8		40.16	G1220X9.0N			
	6.3	G200X2.5N		11.81	G370X3.6		15.35	G530X4.8						
		G200X2.5/M			G370X3.6N									
0.19	7.87	G200X2.5N/M		14.57			16.93			36.22			48.03	
	7.87			17.72			20.87							

CABLE GLANDS

1900



MAXIblock®

Material: POLYAMIDE PA6.6
self-extinguishing class V2 (UL 94)
Sealing ring: NEOPRENE®
Protection: IP 68
Temperature range:
-40°F to +212°F (static)
-4°F to +194°F (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

*VDE only for Metric thread

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

1900/X



MAXIblock®

Material: POLYAMIDE PA6.6
self-extinguishing class V2 (UL 94)
Sealing ring: NEOPRENE®
Protection: IP 68
Temperature range:
-40°F to +212°F (static)
-4°F to +194°F (dynamic)
Color: Light Grey



Thread	Complete with locknuts with collar
M12x1.5	1900.M12/X
M16x1.5	1900.M16/X
M20x1.5	1900.M20/X
M25x1.5	1900.M25/X
M32x1.5	1900.M32/X
M40x1.5	1900.M40/X
M50x1.5	1900.M50/X
M63x1.5	1900.M63/X

*VDE only for Metric thread

Thread	Complete with locknuts with collar
Pg7	1900.07/X
Pg9	1900.09/X
Pg11	1900.11/X
Pg13.5	1900.13/X
Pg16	1900.16/X
Pg21	1900.21/X
Pg29	1900.29/X
Pg36	1900.36/X
Pg42	1900.42/X
Pg48	1900.48/X

1500



spiralblock®

Material: POLYAMIDE PA6.6
self-extinguishing class V2 (UL 94)
Sealing ring: NEOPRENE®
Protection: IP 68
Temperature range:
-40°F to +212°F (static)
-4°F to +194°F (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

*VDE only for Metric thread

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

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°F to +212°F (static)
-13°F to +212°F (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	-	-

*VDE only for Metric thread

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	-	-

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°F to +212°F (static)
-13°F to +212°F (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

LOCKNUTS

Polyamide PA6.6



Material: POLYAMIDE PA6.6
self-extinguishing class V2 (UL 94)
Temperature range:
-40°F to +212°F (static)
-4°F to +194°F (dynamic)
Standard is Light Grey.
Add to code: N for Black,
G for Dark Grey

Thread	Type
M12x1.5	1143M12
M16x1.5	1143M16
M20x1.5	1143M20
M25x1.5	1143M25
M32x1.5	1143M32
M40x1.5	1143M40
M50x1.5	1143M50
M63x1.5	1143M63

Thread	Type
Pg7	1142007
Pg9	1142009
Pg11	1142011
Pg13.5	1142013
Pg16	1142016
Pg21	1142021
Pg29	1142029
Pg36	1142036
Pg42	1142042
Pg48	1142048

Nickel Plated Brass



Material: NICKEL PLATED BRASS
Temperature range:
-40°F to +212°F (static)
-13°F to +212°F (dynamic)

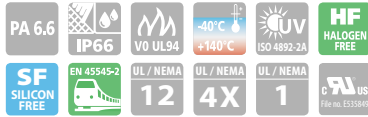
Thread	Type
M12x1.5	2033M12N
M16x1.5	2033M16N
M20x1.5	2033M20N
M25x1.5	2033M25N
M32x1.5	2033M32N
M40x1.5	2033M40N
M50x1.5	2033M50N
M63x1.5	2033M63N
M75x1.5	2033M75N

Thread	Type
Pg7	2032007N
Pg9	2032009N
Pg11	2032011N
Pg13.5	2032013N
Pg16	2032016N
Pg21	2032021N
Pg29	2032029N
Pg36	2032036N
Pg42	2032042N
Pg48	2032048N

THE CABLE ENTRY SYSTEM LINE

Frame material: Glass-fiber reinforced Polyamide PA6.6
Light blue overmolded seal material: Thermoplastic elastomer (TPE)
Frame fastening screws material: Stainless steel (M5x55) Class A2
Self-extinguishing class V0 (UL 94)
Temperature range: -40°F to +284°F (static)
Color: Black Ral 9005; Grey RAL 7035 (for round version)

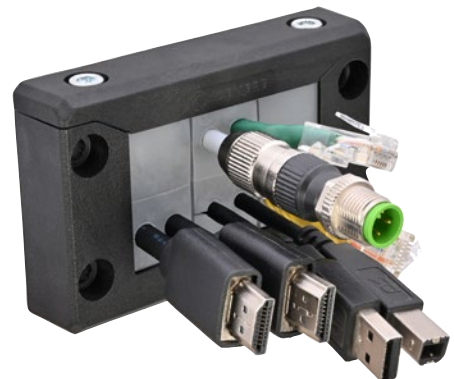
EWO®
 EASY WIRE ORGANIZER



Cable Entry In.	Metal Plate Perforation In.	No.grommets		SPLIT CABLE ENTRY SYSTEMS FOR PREDETERMINED CABLES					
		A	B	Square	Rectangular	Multilevel Rectangular	Reduced Rectangular	Round	
2.95 x 2.40	1.69 x 1.69	4	-	9000.Q/4	-	-	-	-	
2.95 x 2.40	1.69 x 1.69	-	1	9000.Q/1	-	-	-	-	
3.92 x 2.40	2.56 x 1.81	6	-	-	9000.10/6	-	-	-	
3.92 x 2.40	2.56 x 1.81	2	1	-	9000.10/3	-	-	-	
4.72 x 2.40	3.38 x 1.42/1.81	8	-	-	9000.16/8	-	-	-	
4.72 x 2.40	3.38 x 1.42/1.81	4	1	-	9000.16/5	-	-	-	
4.72 x 2.40	3.38 x 1.42/1.81	-	2	-	9000.16/2	-	-	-	
5.79 x 2.40	4.41 x 1.42/1.81	10	-	-	9000.24/10	-	-	-	
5.79 x 2.40	4.41 x 1.42/1.81	6	1	-	9000.24/7	-	-	-	
5.79 x 2.40	4.41 x 1.42/1.81	2	2	-	9000.24/4	-	-	-	
5.79 x 3.40	4.41 x 2.60	15	-	-	-	9000.24/15	-	-	
2.95 x 1.65	1.69 x 0.94	2	-	-	-	-	9000.R/2	-	
3.92 x 1.65	2.56 x 0.94	3	-	-	-	-	9000.R/3	-	
4.72 x 1.65	3.38 x 0.94	4	-	-	-	-	9000.R/4	-	
5.79 x 1.65	4.41 x 0.94	5	-	-	-	-	9000.R/5	-	
1.97 x 1.79	Ø 0.81	1	-	-	-	-	-	9100.M20	9100.M20N
1.97 x 1.79	Ø 1.00	1	-	-	-	-	-	9100.M25	9100.M25N
1.97 x 1.79	Ø 1.28	1	-	-	-	-	-	9100.M32	9100.M32N
2.83 x 2.83	Ø 1.59	-	1	-	-	-	-	9100.M40	9100.M40N
2.83 x 2.83	Ø 1.99	-	1	-	-	-	-	9100.M50/1	9100.M50/1N
2.83 x 2.83	Ø 1.99	4	-	-	-	-	-	9100.M50/4	9100.M50/4N
2.83 x 2.83	Ø 2.52	-	1	-	-	-	-	9100.M63/1	9100.M63/1N
2.83 x 2.83	Ø 2.52	4	-	-	-	-	-	9100.M63/4	9100.M63/4N

Available colors:
 • Black (RAL 9005) ■

Available colors:
 • Grey (RAL 7035) ■
 • Black (RAL 9005) ■



ACCESSORIES

Grommets



Type A Grommet 0.787 x 0.811 in.	No. holes	Ø Cable in.	Type A Grommet 0.787 x 0.811 in.	No. holes	Ø Cable in.
9.AD0	0	-	9.A4D2	4	0.08-0.12
9.A1D1	1	0.04-0.08	9.A4D3	4	0.12-0.16
9.A1D2	1	0.08-0.12	9.A4D4	4	0.16-0.2
9.A1D3	1	0.12-0.16	9.A4D5	4	0.2-0.24
9.A1D4	1	0.16-0.2	9.A4D6	4	0.24-0.28



9.A1D8	1	0.31-0.35	Type B Grommet 1.614 x 1.614 in.	No. holes	Ø Cable in.
9.A1D9	1	0.35-0.39	9.BD0	0	-
9.A1D10	1	0.39-0.43	9.B1D16	1	0.63-0.67
9.A1D11	1	0.43-0.47	9.B1D17	1	0.67-0.71
9.A1D12	1	0.47-0.51	9.B1D18	1	0.71-0.75
9.A1D13	1	0.51-0.55	9.B1D19	1	0.75-0.79
9.A1D14	1	0.55-0.59	9.B1D20	1	0.79-0.83
9.A1D15	1	0.59-0.63	9.B1D21	1	0.83-0.87
9.A1D16	1	0.63-0.65	9.B1D22	1	0.87-0.91
9.A1D17	1	0.65-0.67			



Type A Grommet 0.787 x 0.811 in.	No. holes	Ø Cable in.
9.A2D2	2	0.08-0.12
9.A2D3	2	0.12-0.16
9.A2D4	2	0.16-0.2
9.A2D5	2	0.2-0.24
9.A2D6	2	0.24-0.28



Type A Grommet 0.787 x 0.811 in.	No. holes	Ø Cable in.
9.A2D7	2	0.28-0.31
9.A2D8	2	0.31-0.35



Type B Grommet Adaptor	No. holes	Ø Cable in.
9.B-A	1	Depending on the type A used

Available colors:

- grey (RAL 7004)
- Black (RAL 9005) 

Blindplugs



Blindplugs	Ø Insert in.	Ø Head in.	L Insert in.
9005.D2	0.08	0.16	0.79
9005.D3	0.12	0.2	0.79
9005.D4	0.16	0.24	0.79
9005.D5	0.2	0.28	0.79
9005.D6	0.24	0.31	0.79
9005.D7	0.28	0.35	0.79
9005.D8	0.31	0.39	0.59
9005.D9	0.35	0.43	0.59
9005.D10	0.39	0.47	0.59
9005.D11	0.43	0.51	0.59
9005.D12	0.47	0.55	0.59
9005.D13	0.51	0.59	0.59
9005.D14	0.55	0.63	0.59
9005.D15	0.59	0.67	0.59
9005.D16	0.63	0.71	0.59
9005.D17	0.67	0.75	0.59

Closing plate
with screws



Closing plate	Dimensions in.	Metal Plate Perforation in.
9010.24	5.84 x 2.19	4.41 x 1.42/1.81
9010.16	4.78 x 2.19	3.38 x 1.42/1.81
9010.10	4.00 x 2.19	2.56 x 1.42/1.81
9010.Q	3.01 x 2.19	1.69 x 1.69

Snap-on
closing plate



Closing plate	Dimensions in.	Metal Plate Perforation in.
9010.24-SO	5.84 x 2.19	4.41 x 1.42/1.81
9010.16-SO	4.78 x 2.19	3.38 x 1.42/1.81
9010.10-SO	4.00 x 2.19	2.56 x 1.42/1.81
9010.Q-SO	3.01 x 2.19	1.69 x 1.69

Split bushing



Split bushing	Pitch mm	Wrench in.
9110.M20*	M20x1.5	1.10
9110.M25*	M25x1.5	1.26
9110.M32*	M32x1.5	1.57
9110.M40*	M40x1.5	1.90
9110.M50*	M50x1.5	2.52
9110.M63N	M63x1.5	2.80

*Add to Ref: N for Black

External seal



External seal	For cable gland Type	Dimensions in.
9006.Q	9000.Q	2.83 x 2.36
9006.10	9000.10	3.86 x 2.36
9006.16	9000.16	4.65 x 2.36
9006.24	9000.24	5.71 x 2.36
9006.R/2	9000.R/2	2.83 x 1.61
9006.R/3	9000.R/3	3.86 x 1.61
9006.R/4	9000.R/4	4.65 x 1.61
9006.R/5	9000.R/5	5.71 x 1.61

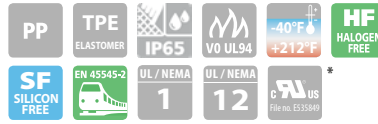
Push-fit mounts



Push-fit mount	Dimensions in.	Metal Plate Perforation in.
9020.24	6.1 x 3.27	4.41 x 1.42/1.81
9020.16	5.04 x 3.27	3.38 x 1.42/1.81
9020.10	4.21 x 3.27	2.56 x 1.81
9020.Q	2.68 x 3.27	1.69 x 1.69

BI-COMPONENT MEMBRANE CABLE ENTRIES SERIES 9200 AND 9210

Structure material: Polypropylene with black glass fibre
Overmoulded membrane material: Thermoplastic elastomer (TPE)
Self-extinguishing cl. V0 (UL94)
Operating temperature range: -40°F +212°F
Colour: grey RAL7004
UL file number: E535849



ASSEMBLY with high tensile strength screws



ASSEMBLY with locknuts for high tensile strength

UL file number: *Pending

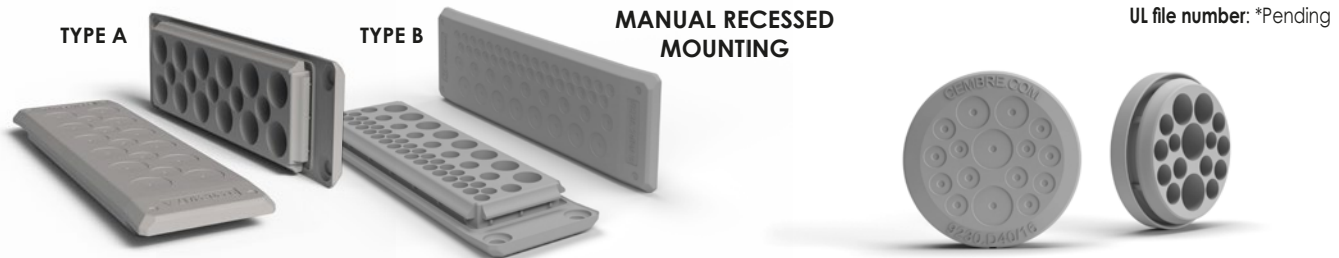
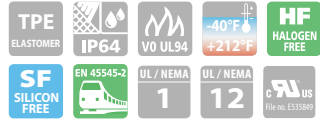


Type	Cable configuration no. x Ø in.	Shape and dimensions (LxHxL) in.	Metal plate perforation dimensions in.
9200.Q/13	8 X 0.12 - 0.26 4 X 0.19 - 0.40 1 X 0.63 - 0.87	square 3.15 x 2.4 x 0.63	1.69 x 1.69
9200.Q/16	9 X 0.12 - 0.26 2 X 0.30 - 0.47 4 X 0.03 - 0.40 1 X 0.35 - 0.64		
9200.Q/25	25 X 0.01 - 0.26		
9200.R5/7	7 X 0.01 - 0.26		
9200.R5/21	21 X 0.01 - 0.26	reduced rectangular 5.91 x 1.5 x 0.63	4.4 x 0.71/0.94
9200.10/8	8 x 0.30 - 0.47	rectangular, 10-pin 4.1 x 2.4 x 0.63	2.6 x 1.42/1.81
9200.10/14	14 x 0.19 - 0.40		
9200.10/15	5 x 0.12 - 0.26 10 x 0.19 - 0.40		
9200.10/16	9 x 0.12 - 0.26 4 x 0.19 - 0.40 3 x 0.30 - 0.47		
9200.10/26	26 x 0.12 - 0.26	rectangular, 16-pin 4.8 x 2.4 x 0.63	3.4 x 1.42/1.81
9200.16/11	11 x 0.30 - 0.47		
9200.16/14	5 x 0.12 - 0.26 5 x 0.19 - 0.40 4 x 0.35 - 0.64		
9200.16/20	11 x 0.12 - 0.26 5 x 0.19 - 0.40 4 x 0.30 - 0.47		
9200.16/25	16 x 0.12 - 0.26 6 x 0.19 - 0.40 3 x 0.30 - 0.47	rectangular, 24-pin 5.91 x 2.4 x 0.63	4.4 x 1.42/1.81
9200.16/34	34 x 0.12 - 0.26		
9200.24/14	10 X 0.12 - 0.26 4 X 0.63 - 0.87		
9200.24/15	15 X 0.30 - 0.47		
9200.24/20	8 X 0.12 - 0.26 6 X 0.19 - 0.40 2 X 0.30 - 0.47 4 X 0.35 - 0.64	rectangular, 24-pin 5.91 x 2.4 x 0.63	4.4 x 1.42/1.81
9200.24/22	6 X 0.19 - 0.26 6 X 0.19 - 0.40 10 X 0.30 - 0.47		
9200.24/24	6 X 0.12 - 0.26 16 X 0.19 - 0.40 2 X 0.30 - 0.47		
9200.24/25	12 X 0.19 - 0.26 7 X 0.19 - 0.40 6 X 0.30 - 0.47		
9200.24/26	26 X 0.19 - 0.40	rectangular, 24-pin 5.91 x 2.4 x 0.63	4.4 x 1.42/1.81
9200.24/32	21 X 0.12 - 0.26 8 X 0.19 - 0.40 3 X 0.30 - 0.47		
9200.24/42	42 X 0.12 - 0.26		

Type	Cable configuration no. x Ø in.	Shape and Dimensions Ø in.	Metal plate perforation dimensions Ø in.
9210.M32/4	3 x 0.12 - 0.26 1 x 0.30 - 0.47	round Ø1.73	1.28
9210.M32/4-2	4 x 0.20 - 0.37		
9210.M32/7	7 x 0.12 - 0.26		
9210.M40/8	4 x 0.12 - 0.26 4 x 0.19 - 0.40	round Ø2.05	1.59
9210.M50/8	5 x 0.19 - 0.40 3 x 0.30 - 0.47	round Ø2.44	1.99
9210.M50/10	7 x 0.12 - 0.26 2 x 0.19 - 0.40 1 x 0.63 - 0.87		
9210.M50/12	4 x 0.12 - 0.26 8 x 0.19 - 0.40		
9210.M50/19	19 x 0.12 - 0.26		
9210.M63/9	1 x 0.12 - 0.26 3 x 0.19 - 0.40 4 x 0.35 - 0.64 1 x 0.63 - 0.87	round Ø2.95	2.52
9210.M63/13	4 x 0.12 - 0.26 4 x 0.19 - 0.40 5 x 0.35 - 0.64		
9210.M63/14	14 x 0.19 - 0.40		
9210.M63/35	35 x 0.12 - 0.26		

RUBBER MEMBRANE CABLE ENTRIES SERIES 9220 AND 9230

Membrane material: Thermoplastic elastomer (TPE)
Self-extinguishing cl. V0 (UL94)
Operating temperature range: -40°F +212°F
Colour: grey RAL7004
UL file number: E535849



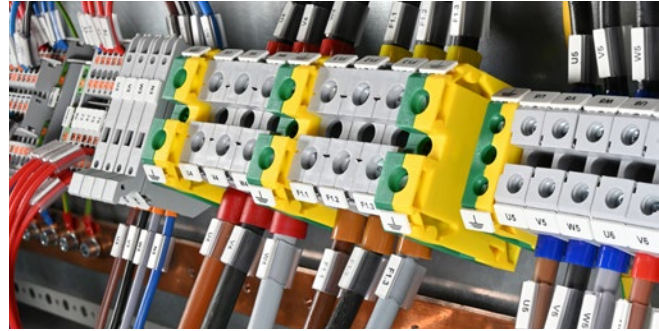
Type	Cable configuration no.x Ø in.	Shape and dimensions (LxHxI) in.	Metal plate perforation dimensions in.
9220.24/12A	12 x 0.04 - 0.59	Rectangular 24-pin, with cut-out for sheet thicknesses of 0.06 to 0.10 TYPE A 5.59 x 1.73 x 0.51	4.41 x 1.42
9220.24/14A	14 x 0.04 - 0.49		
9220.24/17A	12 x 0.04 - 0.51 5 x 0.04 - 0.39		
9220.24/18A	4 x 0.04 - 0.63 5 x 0.04 - 0.49 5 x 0.04 - 0.43 4 x 0.04 - 0.26		
9220.24/19A	7 x 0.04 - 0.51 12 x 0.04 - 0.28		
9220.24/26A	4 x 0.04 - 0.63 4 x 0.04 - 0.47 16 x 0.04 - 0.26 2 x ASI		
9220.24/42A	12 x 0.04 - 0.30 17 x 0.04 - 0.26 12 x 0.04 - 0.20 1 x 0.04 - 0.18		
9220.24/48A	48 x 0.04 - 0.26		
9220.24/50A	8 x 0.04 - 0.37 9 x 0.04 - 0.26 33 x 0.04 - 0.20		
9220.24/12B	12 x 0.04 - 0.59	Rectangular 24-pin, with cut-out for sheet thicknesses of 0.11 to 0.16 TYPE B 5.59 x 1.73 x 0.51	
9220.24/14B	14 x 0.04 - 0.49		
9220.24/17B	12 x 0.04 - 0.51 5 x 0.04 - 0.39		
9220.24/18B	4 x 0.04 - 0.63 5 x 0.04 - 0.49 5 x 0.04 - 0.43 4 x 0.04 - 0.26		
9220.24/19B	7 x 0.04 - 0.51 12 x 0.04 - 0.28		
9220.24/26B	4 x 0.04 - 0.63 4 x 0.04 - 0.47 16 x 0.04 - 0.26 2 x ASI		
9220.24/42B	12 x 0.04 - 0.30 17 x 0.04 - 0.26 12 x 0.04 - 0.20 1 x 0.04 - 0.18		
9220.24/48B	48 x 0.04 - 0.26		
9220.24/50B	8 x 0.04 - 0.37 9 x 0.04 - 0.26 33 x 0.04 - 0.20		

Type	Cable configuration no. x Ø in.	Shape and Dimensions Ø in.	Metal plate perforation dimensions Ø in.
9230.D25/4	4 x Ø 0.04 - 0.3 in.	round Ø1.32	0.96
9230.D25/6	4 x Ø 0.04 - 0.21 in. 2 x Ø 0.04 - 0.37 in.		
9230.D25/7	7 x Ø 0.04 - 0.22 in.		
9230.D32/7	7 x Ø 0.04 - 0.3 in.	round Ø1.59	1.28
9230.D32/10	6 x Ø 0.04 - 0.21 in. 2 x Ø 0.04 - 0.26 in. 2 x Ø 0.04 - 0.37 in.		
9230.D32/10-2	10 x Ø 0.04 - 0.25 in.		
9230.D32/11	9 x Ø 0.04 - 0.21 in. 2 x Ø 0.04 - 0.3 in.	round Ø1.91	1.59
9230.D32/13	13 x Ø 0.04 - 0.21 in.		
9230.D40/9	8 x Ø 0.04 - 0.36 in. 1 x Ø 0.04 - 0.45 in.		
9230.D40/16	2 x Ø 0.04 - 0.21 in. 10 x Ø 0.04 - 0.25 in. 2 x Ø 0.04 - 0.36 in. 2 x Ø 0.04 - 0.44 in.	round Ø2.30	1.99
9230.D40/17	1 x Ø 0.04 - 0.16 in. 16 x Ø 0.04 - 0.28 in.		
9230.D50/9	5 x Ø 0.04 - 0.28 in. 4 x Ø 0.04 - 0.71 in.		
9230.D50/11	7 x Ø 0.04 - 0.28 in. 3 x Ø 0.04 - 0.44 in. 1 x Ø 0.04 - 0.89 in.	round Ø2.30	1.99
9230.D50/12	10 x Ø 0.04 - 0.36 in. 2 x Ø 0.04 - 0.44 in.		
9230.D50/16	4 x Ø 0.04 - 0.21 in. 5 x Ø 0.04 - 0.26 in. 3 x Ø 0.04 - 0.37 in. 4 x Ø 0.04 - 0.45 in.		
9230.D50/18	2 x Ø 0.04 - 0.16 in. 2 x Ø 0.04 - 0.24 in. 4 x Ø 0.04 - 0.28 in. 5 x Ø 0.04 - 0.37 in. 5 x Ø 0.04 - 0.47 in.	round Ø2.30	1.99
9230.D50/20	16 x Ø 0.04 - 0.26 in. 4 x Ø 0.04 - 0.37 in.		
9230.D50/35	35 x Ø 0.04 - 0.21 in.		

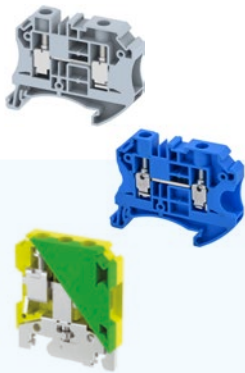
MODULAR TERMINALS

The CEMBRE catalog offers a wide range of modular terminals providing connection solutions in various applications. For example; feed through, ground-ing, 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, elec-trical installations, lighting, electrical distribution.



WITH SCREW CLAMP



Cond. Size AWG	standard	two level	two level interconnected	three level	disconnect	with fuse	↓ for earthing applications		
	Type	Type	Type	Type	Type	Type	Type	Type	for test and measurement circuits
14	TBS2.5 TBS2.5-BU	TBS2.5-L2	TBS2.5-L2IC	TBS2.5-L3	TBS2.5D	-	TBSG2.5	-	-
12	TBS4 TBS4-BU	TBS4-L2	-	-	TBS4D	TBS4F TBS4F-L2 TBS4F-R	TBSG4	TBSG4-L2	-
10	TBS6 TBS6-BU	-	-	-	TBS6D	-	TBSG6	-	TBS6TM
8	TBS10 TBS10-BU	-	-	-	-	-	TBSG10	-	-
6	TBS16 TBS16-BU	-	-	-	-	-	TBSG16	-	-
4	TBS25	-	-	-	-	-	-	-	-
2	TBS35 TBS35-BU	-	-	-	-	-	TBSG35	-	-
1/0	TBS50 TBS50-BU	-	-	-	-	-	TBSG50	-	-
2/0	TBS70 TBS70-BU	-	-	-	-	-	-	-	-
3/0	TBS95	-	-	-	-	-	-	-	-

PUSH-IN



Cond. Size AWG	standard	multiconductor	two level	two level interconnected	three level	disconnect	with fuse	↓ for earthing applications	
	Type	Type	Type	Type	Type	Type	Type	Type	Type
16	TBP1.5	-	-	-	-	-	-	-	-
14	TBP2.5 TBP2.5-BU	TBP2.5X1-2 TBP2.5X2-2	TBP2.5-L2	TBP2.5-L2IC	TBP2.5-L3	TBP2.5D	-	TBPG2.5	TBPG2.5X1-2 TBPG2.5X2-2
12	TBP4 TBP4-BU	TBP4X1-2 TBP4X2-2	-	-	-	TBP4D	TBP4F	TBPG4	TBPG4X1-2 TBPG4X2-2
10	TBP6 TBP6-BU	-	-	-	-	-	-	TBPG6	-
8	TBP10 TBP10-BU	-	-	-	-	-	-	TBPG10	-

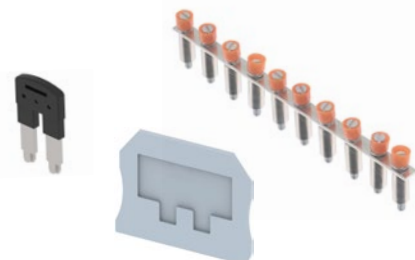
WITH BOLT CLAMPING



mm ²	standard
	Type
120	TBB120HC
150	TBB150HC
185	TBB185HC
240	TBB240HC
300	TBB300HC

ACCESSORIES

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®



Cond. Size AWG	Type
22	Z2.5-1
10	Z6-1
8	Z10-1
6	Z16-1
4	Z25-1
2	Z35-1

SINGLE POLE TERMINAL BLOCKS

ZETApiù®



Cond. Size AWG	N°ways	Type	Cond. Size AWG	N°ways	Type	Cond. Size AWG	N°ways	Type	Cond. Size AWG	N°ways	Type	
17-10	3	Z6-3	6	3	Z16-3	(2) 6 (10) 10	12 (2-10)	Z16-12	(1) 2 (10) 10	11 (1+10)	Z35T-11	
		Z6-3D			Z16-3D			Z16-12D			Z35T-11D	
	5	Z6-5		4	Z16-4	2	3	Z35-3	(2) 2 (24) 8	26 (2+24)	Z35-26D	
		Z6-5D			Z16-4D			Z35-3D				
	6	Z6-6		5	Z16-5N		4	Z35-4				(2) 1/0 (8) 4
		Z6-6D			Z16-5ND			Z35-4D				
	10	Z6-10		8 (2-6)	Z16-8	(2) 2 (4) 6	6 (2-4)	Z35-6				
		Z6-10D			Z16-8D			Z35-6D				
	D= Version with clamp for DIN rail (.) = Wavy											

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

POWER DISTRIBUTION BLOCKS

UNIPOLAR DISTRIBUTION BLOCKS



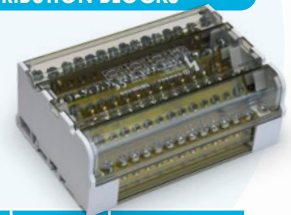
Wire Cond. Range AWG	N° inputs	N° outputs	Type
16 - 4	1	6 (4+2)	DB80-6/1N
8 - 1/0	1	7 (6+1)	DB125-7/1N
8 - 3/0	1	7 (6+1)	DB160-7/1N
6 - 250MCM	1	11 (2+5+4)	DB250-11/1N
3/0 - 400MCM	1	11 (2+5+4)	DB400-11/1N
8x24 Flex. Busbar	1	11 (2+5+4)	DB500-11/1N

BIPOLAR DISTRIBUTION BLOCKS



Wire Cond. Range AWG	N° inputs	N° outputs	Type
10 - 6 12 - 8	2	15	DB40-15/2
8 - 4	1	6 (3+3)	DB100-6/2
8 - 4	2	13 (6+7)	DB100-13/2
8 - 2	1	6 (5+1)	DB125-6/2
8 - 2	1	14 (11+3)	DB125-14/2
8 - 2 8 - 6	2	13 (11+2)	DB125-14/2C

TETRAPOLAR DISTRIBUTION BLOCKS



Wire Cond. Range AWG	N° inputs	N° outputs	Type
10 - 6 12 - 8	2	11	DB40-11/4
8 - 4	1	6 (3+3)	DB100-6/4
8 - 4	2	13 (6+7)	DB100-13/4
8 - 2	1	6 (5+1)	DB125-6/4
8 - 2	1	10 (7+3)	DB125-10/4
8 - 2 8 - 6	2	9 (7+2)	DB125-10/4C
8 - 2	1	14 (11+1+2)	DB125-14/4
8 - 2 8 - 6	2	13 (11+2)	DB125-14/4C
8 - 1/0	1	11 (3+7+1)	DB160-11/4

TCS



flame-retardant Polyolefin - shrinkage ratio 2-1

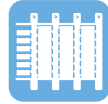
- Heat-shrinkable Polyolefin tubing coil for general use; is environmentally neutral, flexible, not inflammable and offers fast heat shrinkage and stable performance.
- Main uses include insulation and protection of electrical conductors, connectors and terminations; protection of metal tubes from corrosion; protection of antennae and various identification applications.
- Colors: black, red, white, blue, transparent, yellow, green, grey, brown, yellow/green.
- Packaging: coil on Reel

Type	Coil Length ft	before shrinking	after shrinking		Color	
		Internal Ø in.	Internal Ø in.	Thickness in.		
TCS12X200BK	656	0.043	0.020	0.013	BLACK	●
TCS16X200BK	656	0.059	0.026	0.014	BLACK	●
TCS24X200BK	656	0.098	0.039	0.018	BLACK	●
TCS32X200BK	656	0.118	0.051	0.018	BLACK	●
TCS48X100BK	328	0.185	0.079	0.018	BLACK	●
TCS64X100BK	328	0.256	0.118	0.022	BLACK	●
TCS95X100BK	328	0.374	0.177	0.022	BLACK	●
TCS127X100BK	328	0.492	0.236	0.022	BLACK	●
TCS160X100BK	328	0.65	0.315	0.028	BLACK	●
TCS190X100BK	328	0.748	0.354	0.028	BLACK	●
TCS254X50BK	164	1.024	0.492	0.035	BLACK	●
TCS320X50BK	164	1.24	0.591	0.039	BLACK	●
TCS381X50BK	164	1.437	0.689	0.039	BLACK	●
TCS508X25BK	82	1.969	0.984	0.043	BLACK	●
TCS762X25BK	82	2.756	1.417	0.051	BLACK	●
TCS1016X25BK	82	3.937	2.008	0.051	BLACK	●
TCS1260X25BK	82	4.724	2.402	0.051	BLACK	●
TCS1500X25BK	82	5.906	2.992	0.051	BLACK	●
TCS16X200RE	656	0.059	0.026	0.014	RED	●
TCS24X200RE	656	0.098	0.039	0.018	RED	●
TCS32X200RE	656	0.118	0.051	0.018	RED	●
TCS48X100RE	328	0.185	0.079	0.018	RED	●
TCS64X100RE	328	0.256	0.118	0.022	RED	●
TCS95X100RE	328	0.374	0.177	0.022	RED	●
TCS127X100RE	328	0.492	0.236	0.022	RED	●
TCS190X100RE	328	0.748	0.354	0.028	RED	●
TCS254X50RE	164	1.024	0.492	0.035	RED	●
TCS16X200WH	656	0.059	0.026	0.014	WHITE	○
TCS20X200WH	656	0.079	0.033	0.014	WHITE	○
TCS24X200WH	656	0.098	0.039	0.018	WHITE	○
TCS32X200WH	656	0.118	0.051	0.018	WHITE	○
TCS48X100WH	328	0.185	0.079	0.018	WHITE	○
TCS64X100WH	328	0.256	0.118	0.022	WHITE	○
TCS95X100WH	328	0.374	0.177	0.022	WHITE	○
TCS127X100WH	328	0.492	0.236	0.022	WHITE	○
TCS190X100WH	328	0.748	0.354	0.028	WHITE	○
TCS254X50WH	164	1.024	0.492	0.035	WHITE	○
TCS16X200BU	656	0.059	0.026	0.014	BLUE	●
TCS24X200BU	656	0.098	0.039	0.018	BLUE	●
TCS32X200BU	656	0.118	0.051	0.018	BLUE	●
TCS48X100BU	328	0.185	0.079	0.018	BLUE	●
TCS64X100BU	328	0.256	0.118	0.022	BLUE	●
TCS95X100BU	328	0.374	0.177	0.022	BLUE	●
TCS127X100BU	328	0.492	0.236	0.022	BLUE	●
TCS190X100BU	328	0.748	0.354	0.028	BLUE	●
TCS254X50BU	164	1.024	0.492	0.035	BLUE	●
TCS381X50BU	164	1.437	0.689	0.039	BLUE	●
TCS508X25BU	82	1.969	0.984	0.043	BLUE	●

Type	Coil Length ft	before shrinking	after shrinking		Color	
		Internal Ø in.	Internal Ø in.	Spessore mm		
TCS12X200TR	656	0.043	0.020	0.013	TRANSPARENT	○
TCS16X200TR	656	0.059	0.026	0.014	TRANSPARENT	○
TCS24X200TR	656	0.098	0.039	0.018	TRANSPARENT	○
TCS32X200TR	656	0.118	0.051	0.018	TRANSPARENT	○
TCS48X100TR	328	0.185	0.079	0.018	TRANSPARENT	○
TCS64X100TR	328	0.256	0.118	0.022	TRANSPARENT	○
TCS95X100TR	328	0.374	0.177	0.022	TRANSPARENT	○
TCS127X100TR	328	0.492	0.236	0.022	TRANSPARENT	○
TCS160X100TR	328	0.65	0.315	0.028	TRANSPARENT	○
TCS190X100TR	328	0.748	0.354	0.028	TRANSPARENT	○
TCS254X50TR	164	1.024	0.492	0.035	TRANSPARENT	○
TCS320X50TR	164	1.24	0.591	0.039	TRANSPARENT	○
TCS381X50TR	164	1.437	0.689	0.039	TRANSPARENT	○
TCS508X25TR	82	1.969	0.984	0.043	TRANSPARENT	○
TCS762X25TR	82	2.756	1.417	0.051	TRANSPARENT	○
TCS1016X25TR	82	3.937	2.008	0.051	TRANSPARENT	○
TCS1260X25TR	82	4.724	2.402	0.051	TRANSPARENT	○
TCS1500X25TR	82	5.906	2.992	0.051	TRANSPARENT	○
TCS16X200YE	656	0.059	0.026	0.014	YELLOW	●
TCS24X200YE	656	0.098	0.039	0.018	YELLOW	●
TCS32X200YE	656	0.118	0.051	0.018	YELLOW	●
TCS48X100YE	328	0.185	0.079	0.018	YELLOW	●
TCS64X100YE	328	0.256	0.118	0.022	YELLOW	●
TCS95X100YE	328	0.374	0.177	0.022	YELLOW	●
TCS127X100YE	328	0.492	0.236	0.022	YELLOW	●
TCS190X100YE	328	0.748	0.354	0.028	YELLOW	●
TCS254X50YE	164	1.024	0.492	0.035	YELLOW	●
TCS16X200GN	656	0.059	0.026	0.014	GREEN	●
TCS24X200GN	656	0.098	0.039	0.018	GREEN	●
TCS32X200GN	656	0.118	0.051	0.018	GREEN	●
TCS48X100GN	328	0.185	0.079	0.018	GREEN	●
TCS64X100GN	328	0.256	0.118	0.022	GREEN	●
TCS95X100GN	328	0.374	0.177	0.022	GREEN	●
TCS127X100GN	328	0.492	0.236	0.022	GREEN	●
TCS190X100GN	328	0.748	0.354	0.028	GREEN	●
TCS254X50GN	164	1.024	0.492	0.035	GREEN	●
TCS16X200GY	656	0.059	0.026	0.014	GREY	●
TCS24X200GY	656	0.098	0.039	0.018	GREY	●
TCS32X200GY	656	0.118	0.051	0.018	GREY	●
TCS48X100GY	328	0.185	0.079	0.018	GREY	●
TCS64X100GY	328	0.256	0.118	0.022	GREY	●
TCS95X100GY	328	0.374	0.177	0.022	GREY	●
TCS127X100GY	328	0.492	0.236	0.022	GREY	●
TCS190X100GY	328	0.748	0.354	0.028	GREY	●
TCS254X50GY	164	1.024	0.492	0.035	GREY	●
TCS381X50GY	164	1.437	0.689	0.039	GREY	●
TCS508X25GY	82	1.969	0.984	0.043	GREY	●
TCS16X200BR	656	0.059	0.026	0.014	BROWN	●
TCS24X200BR	656	0.098	0.039	0.018	BROWN	●
TCS32X200BR	656	0.118	0.051	0.018	BROWN	●
TCS48X100BR	328	0.185	0.079	0.018	BROWN	●
TCS64X100BR	328	0.256	0.118	0.022	BROWN	●
TCS95X100BR	328	0.374	0.177	0.022	BROWN	●
TCS127X100BR	328	0.492	0.236	0.022	BROWN	●
TCS190X100BR	328	0.748	0.354	0.028	BROWN	●
TCS254X50BR	164	1.024	0.492	0.035	BROWN	●
TCS381X50BR	164	1.437	0.689	0.039	BROWN	●
TCS508X25BR	82	1.969	0.984	0.043	BROWN	●
TCS32X200Y/G	656	0.118	0.051	0.018	YELLOW/GREEN	●
TCS48X100Y/G	328	0.185	0.079	0.018	YELLOW/GREEN	●
TCS64X100Y/G	328	0.256	0.118	0.022	YELLOW/GREEN	●
TCS95X100Y/G	328	0.374	0.177	0.022	YELLOW/GREEN	●
TCS127X100Y/G	328	0.492	0.236	0.022	YELLOW/GREEN	●
TCS190X100Y/G	328	0.748	0.354	0.028	YELLOW/GREEN	●
TCS254X50Y/G	164	1.024	0.492	0.035	YELLOW/GREEN	●
TCS381X50Y/G	164	1.437	0.689	0.039	YELLOW/GREEN	●
TCS508X25Y/G	82	1.969	0.984	0.043	YELLOW/GREEN	●

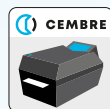
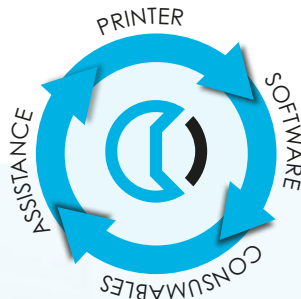
IDENTIFICATION & LABELING SYSTEMS

THERMAL TRANSFER PRINTER FOR SHEET MEDIA MG4A



The MARKINGENIUS®MG4A is CEMBRE's newest solution for identification & labeling 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.



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

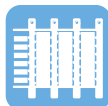
ECONOMY

prints around 300,000 4x10 cable tags with a single ribbon

QUALITY

printer resolution 300x600 dpi

Print markers
for any brand
of terminal block!



THERMAL TRANSFER PRINTER FOR ROLL MEDIA ROLLY3000



ROLLY3000 is ideal for printing all Cembre flat material on rolls, eg. wraparound wire markers, heat shrink markers, cable tags for holders, strip style labels and adhesive labels. Maximum print area: 4.13 in. wide, up to 656 ft long.



SPEED

prints 4,000 4x10 cable tags in less than two minutes, 1,000 heat-shrink 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

MINIROLLY-A

MINIROLLY-A is the compact thermal transfer printer on roll, that allows printing of self-adhesive labels, wraparound cable markers and heat shrinkable tubes in a quick and easy way.

MINIROLLY-A is designed for optimal printing of wraparound cable markers (KM-ROLL) and particularly suitable for intensive use of this material.

Maximum print area: 4.13 in wide, up to 656 ft long



HOW TO MARK

SINGLE CABLES



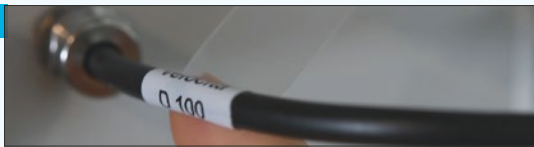
MG-TDM



MG-TPMF



KM-ROLL



TERMO-ROLL



COMPONENTS



MG-TAP



MG-TAPW



MG-PLC



MG-TAA



TERMINAL BLOCKS



MG-CPM

MG-CPMF



MG-VYB



PLATES - LABELS PUSH BUTTONS



MG-SIGNS



MG-SIGNS



MG-PTS



MG-VRT-A/AH



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