



**COSTRUZIONE
EQUIPAGGIAMENTI
ELETTRICI S.r.l.**

Ready to **Connect**

GENERAL CATALOGUE

**NEW
CERTIFIED
PRODUCTS**

We guarantee
high quality
and efficiency
standards

Dynamic and
constantly updated
R&D department

Over 30 years' experience
in the manufacture of
electrical equipment



QUALIFIED SUPPLIER

e-distribuzione

VISIT OUR WEBSITE **ceesrl.it**



COMPANY REFERENCES





ABOUT US

Costruzione Equipaggiamenti Elettrici Srl was established in 1985 with the aim of manufacturing and marketing terminal blocks for suspending and anchoring self-supporting LV copper and aluminium cables.

Subsequently, production expanded to include single-pole, insulation-piercing branch connectors, as well as voltage-imbalance differential relays for MV static capacitor banks.

In order to meet the ever-changing needs and demands of the market, the company has decided to invest in expanding its production of products and accessories for use on LV and MV distribution networks.



ALL OUR PRODUCTS ARE CERTIFIED IN ACCORDANCE WITH ENEL'S TECHNICAL SPECIFICATIONS

Costruzione Equipaggiamenti Elettrici Srl combines the thirty years' experience of its management team with the dynamism of a modern, well-organized company. **Our company is certified to UNI EN ISO 9001:2015** and applies the Quality Management System throughout the production cycle and product design in accordance with the standard. It has also obtained production facility certification from E-Distribuzione for various product categories.

PRODUCTION CYCLE

The production plant, where the entire production cycle takes place, is located in the Lodi Vecchio Industrial Estate. It covers an area of over 3,500 m² and comprises production departments, laboratories, offices and a warehouse. The majority of this area is covered.



We have always specialized in the production of mechanical terminal blocks for low-voltage overhead power lines. We purchase rolls of stainless steel and copper in various sizes and thicknesses to use as raw materials. These materials undergo continuous blanking, deep drawing and bending operations using eccentric mechanical presses. The finished product bears our company's trademark.

Our company is constantly striving to achieve the highest quality standards. Its meticulous attention to detail in production processes, selection of top-class equipment and constant machinery upgrades make it a well-established business that can offer cost-effective, state-of-the-art solutions to its customers.

QUALIFIED AND APPROVED SUPPLIER

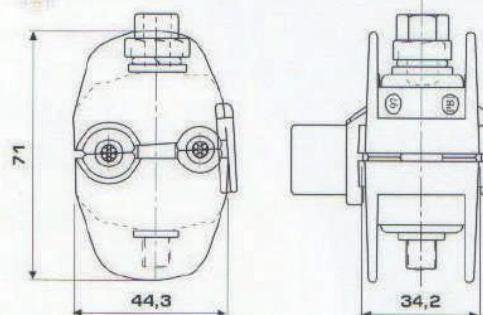
e-distribuzione

Art. 616

**CONNETTORE UNIPOLARE DI DERIVAZIONE
A PERFORAZIONE DI ISOLANTE
PER CAVI BT AUTOPORTANTI**
**SINGLE - POLE BRANCHING CONNECTOR WITH INSULATING PUNCTURE
FOR LV SELF - SUPPORTING CABLES**

La connessione avviene contemporaneamente sul cavo passante e sul cavo derivato e viene eseguita con il cavo passante in tensione. Nessuna parte metallica accessibile del connettore è sotto tensione. La tenuta dielettrica in acqua è superiore a 4 KV. La vite di serraggio e le piastrine sono in acciaio inox ed il corpo in PBT. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 275003.

The connection is simultaneously carried out on the through-cable and on the branching cable and it is performed with alive through cable. No accessible metal part is alive. The dielectric strength in water is higher than 4 KV. The clamp screw and the keep plates are in stainless steel and the body is made of PBT. Type-approval tests are carried out by ENEL SpA with serial number 275003.



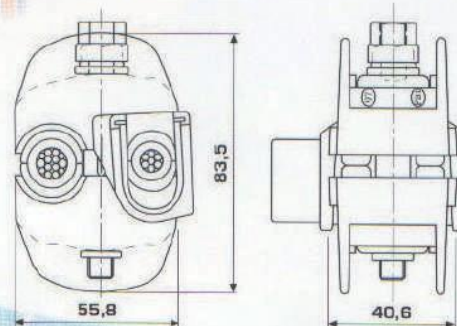
Cavo di connessione in rame Copper connection cable	
Passante Passing cable	Derivato Branch cable
mmq 10	mmq 16 - 10 - 6

Art. 670

**CONNETTORE UNIPOLARE DI DERIVAZIONE
A PERFORAZIONE DI ISOLANTE
PER CAVI BT AUTOPORTANTI**
**SINGLE - POLE BRANCHING CONNECTOR WITH INSULATING PUNCTURE
FOR LV SELF - SUPPORTING CABLES**

La connessione avviene contemporaneamente sul cavo passante e sul cavo derivato e viene eseguita con il cavo passante in tensione. Nessuna parte metallica accessibile del connettore è sotto tensione. La tenuta dielettrica in acqua è superiore a 4 KV. La vite di serraggio e le piastrine sono in acciaio inox ed il corpo in PBT. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 275001.

The connection is simultaneously carried out on the through-cable and on the branching cable and it is performed with alive through cable. No accessible metal part is alive. The dielectric strength in water is higher than 4 KV. The clamp screw and the keep plates are in stainless steel and the body is made of PBT. Type-approval tests are carried out by ENEL SpA with serial number 275001.

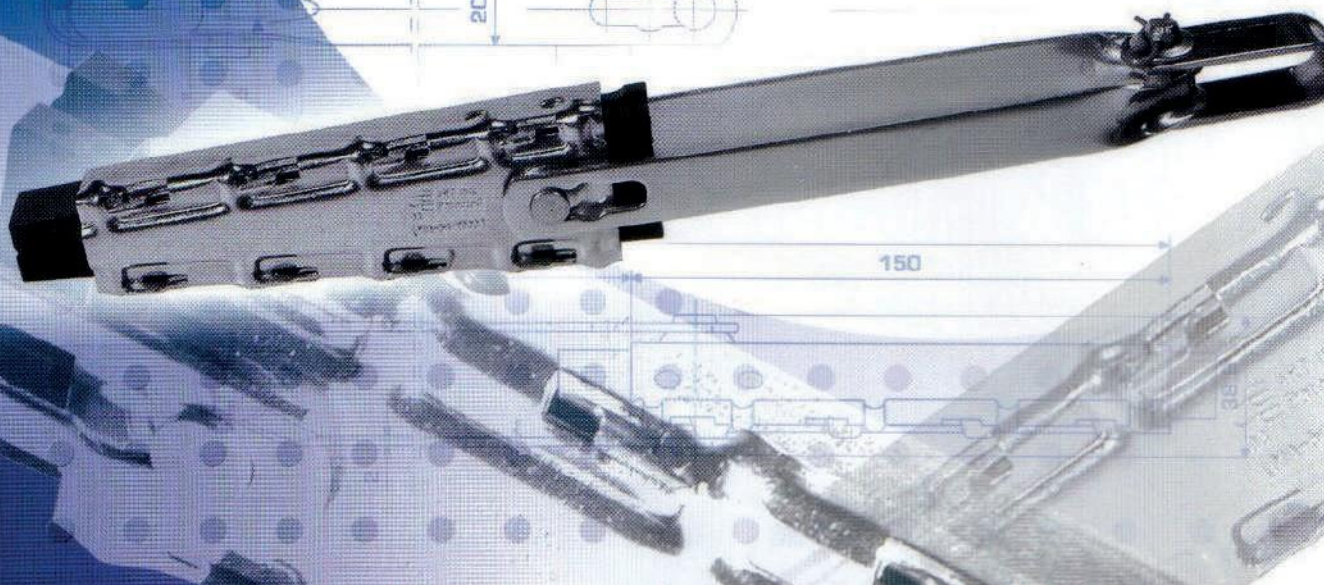
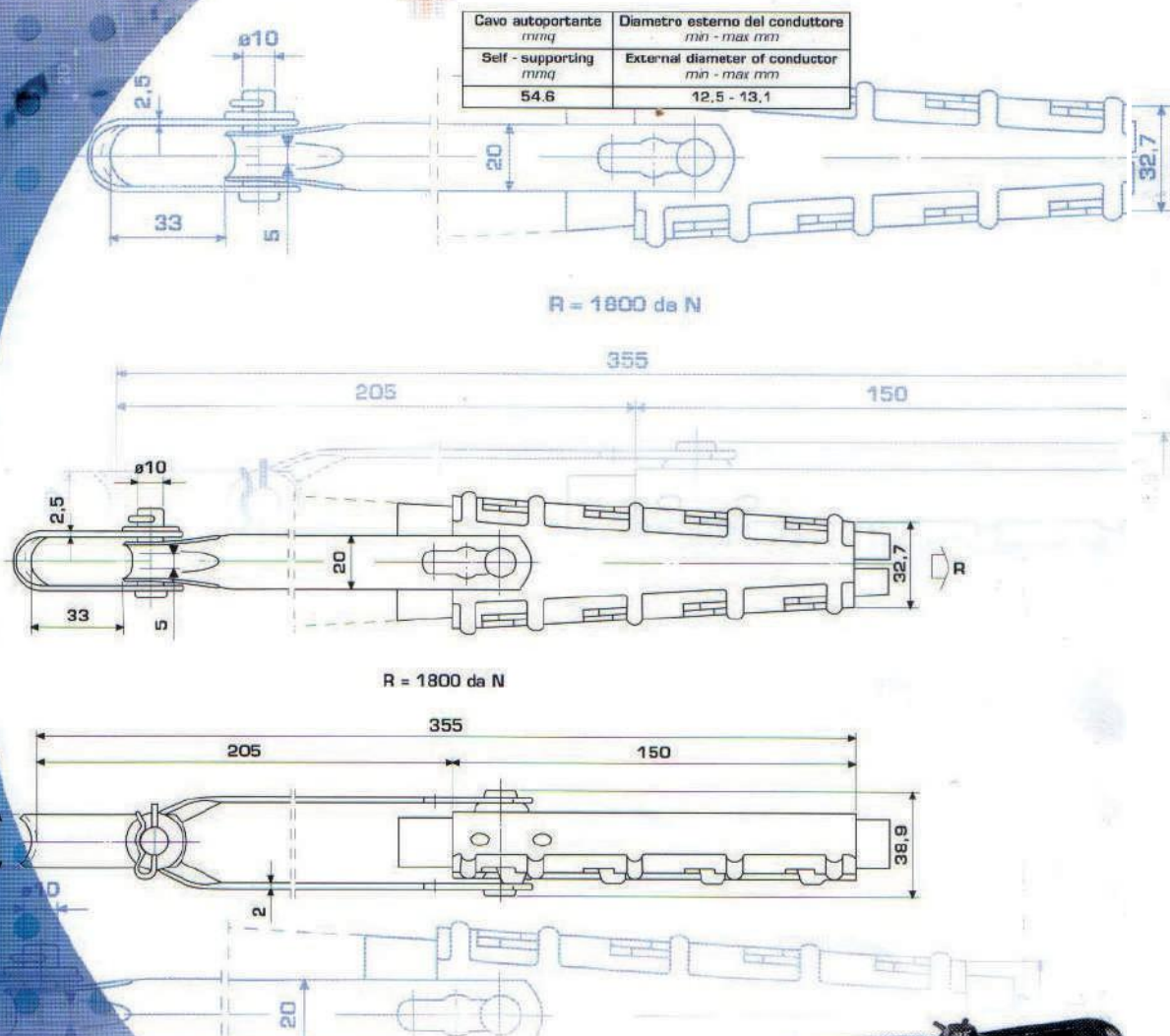


Cavo di connessione in alluminio Aluminium connection cable		
Passante Passing cable	Derivato Al Branch cable	Derivato Cu Branch cable
mmq 70 - 54,6 - 35	mmq 54,6 - 35	mmq 25 - 16 - 10 - 6

Art. **154****MORSA DI AMARRO PER CAVI BT
AUTOPORTANTI IN ALLUMINIO****ANCHOR CLAMP FOR LV SELF-SUPPORTING ALUMINIUM CABLES**

E' composta da parti metalliche in acciaio inox e parti isolanti in resina acetica. Il montaggio si esegue senza l'impiego di attrezzi. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 264010.

It is composed of stainless steel elements and insulated parts made of acetal resin. The assembly is carried out without the employment of tools. Type - approval tests are carried out by ENEL SpA with serial number 264010.



Art. **210**

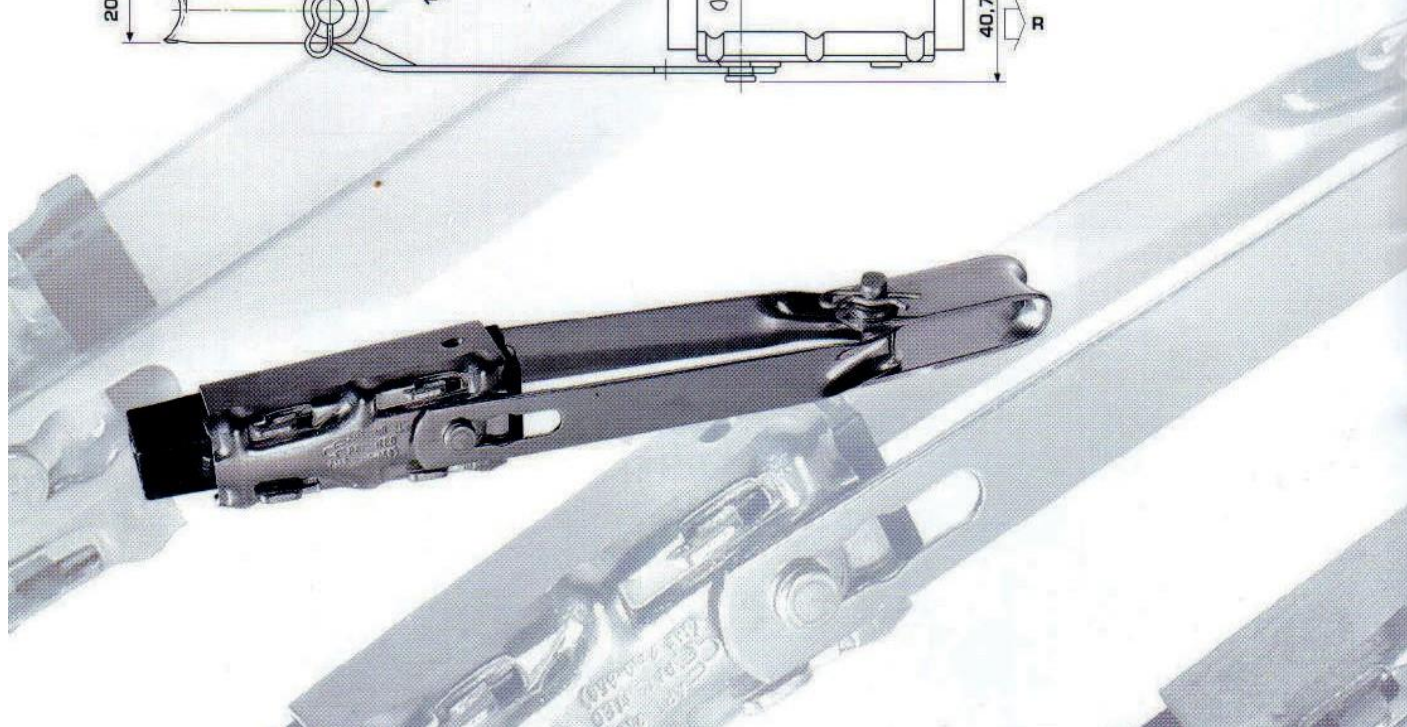
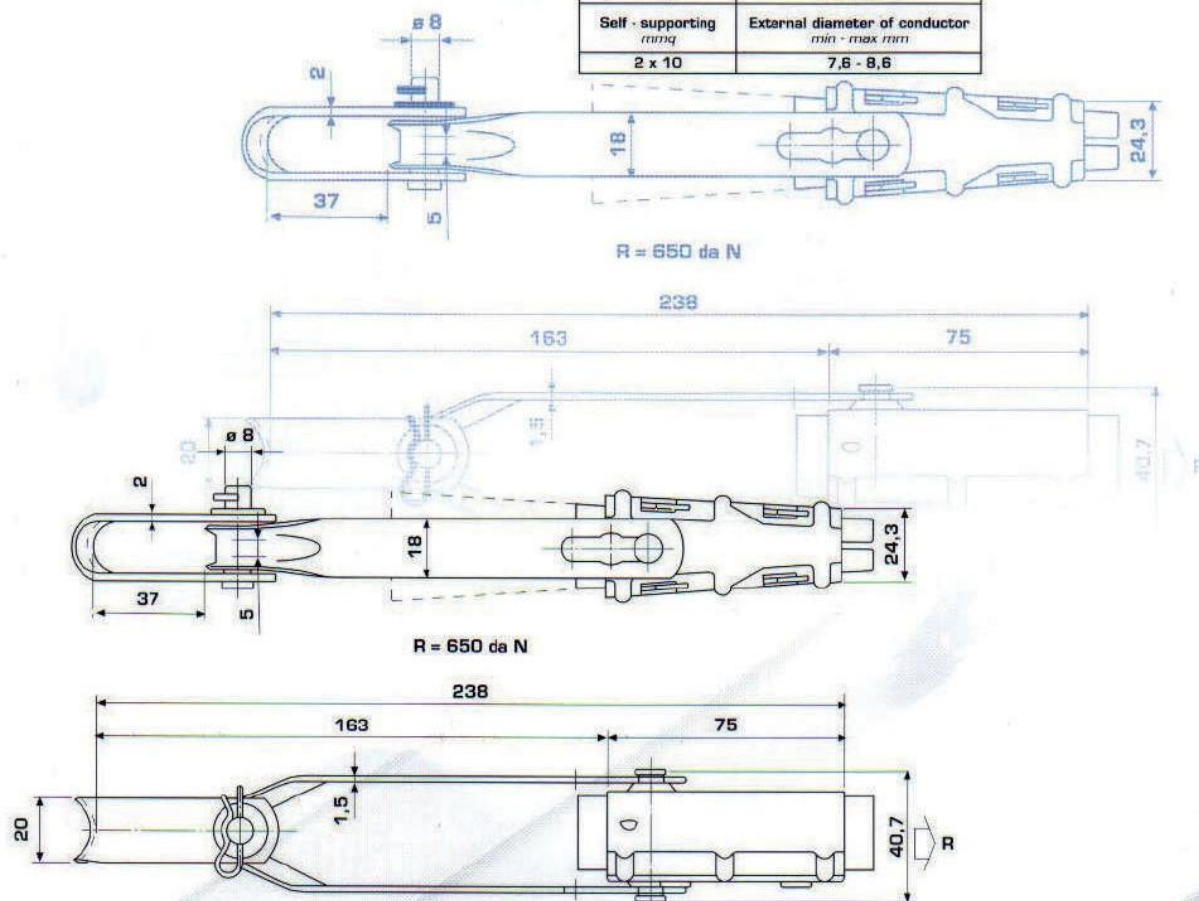
MORSA DI AMARRO PER CAVI BT AUTOPORTANTI IN RAME

ANCHOR CLAMP FOR LV SELF-SUPPORTING COPPER CABLES

E' composta da parti metalliche in acciaio inox e parti isolanti in resina acetaleica. Il montaggio si esegue senza l'impiego di attrezzi. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 264050.

It is composed of stainless steel elements and insulated parts made of acetal resin. The assembly is carried out without the employment of tools. Type - approval tests are carried out by ENEL SpA with serial number 264050.

Cavo autoportante mmq	Diametro esterno del conduttore min - max mm
Self - supporting mmq	External diameter of conductor min - max mm
2 x 10	7,6 - 8,6



Art. **410**

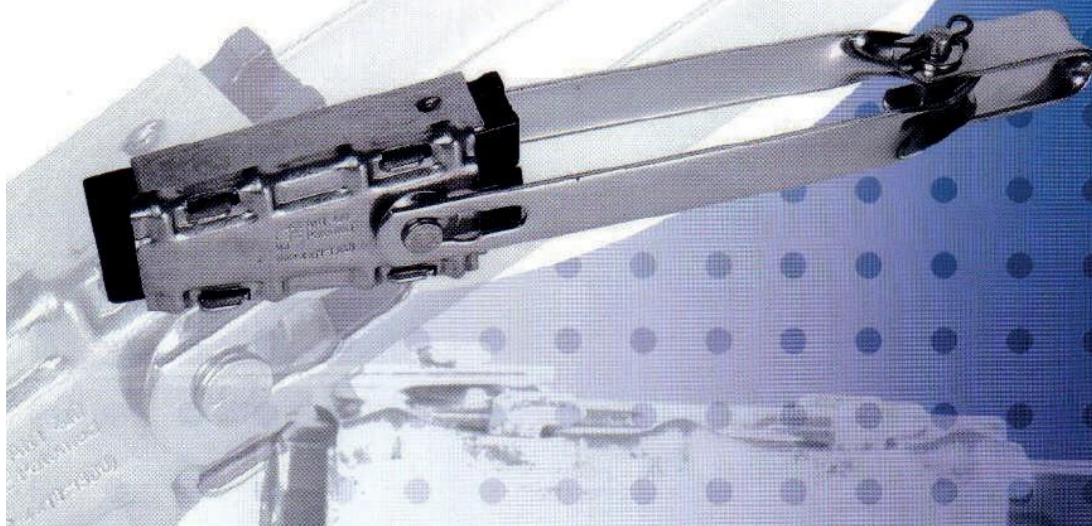
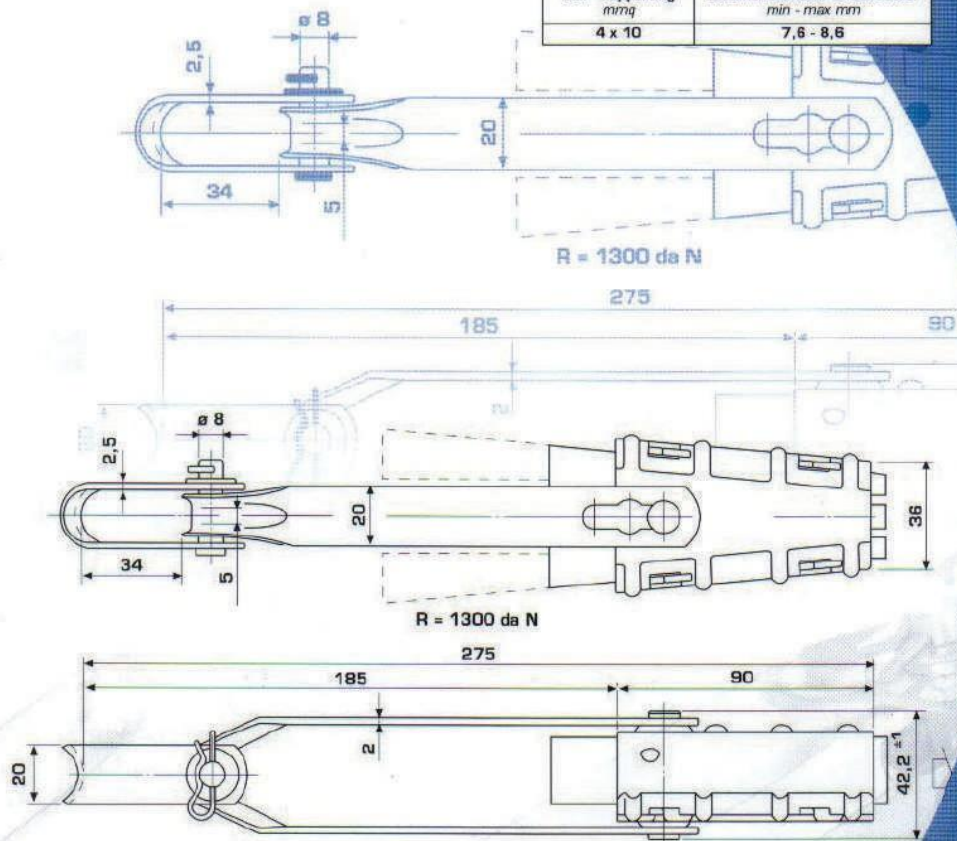
MORSA DI AMARRO PER CAVI BT AUTOPORTANTI IN RAME

ANCHOR CLAMP FOR LV SELF-SUPPORTING COPPER CABLES

E' composta da parti metalliche in acciaio inox e parti isolanti in resina acetica.
Il montaggio si esegue senza l'impiego di attrezzi. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 264052.

It is composed of stainless steel elements and insulated parts made of acetal resin.
The assembly is carried out without the employment of tools. Type - approval tests are carried out by ENEL SpA with serial number 264052.

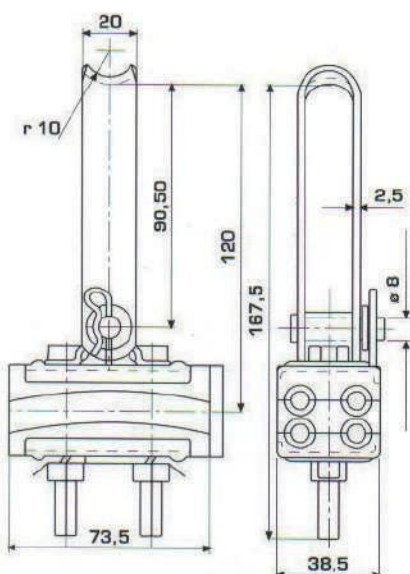
Cavo autoportante mmq	Diametro esterno del conduttore min - max mm
Self - supporting mmq	External diameter of conductor min - max mm
4 x 10	7,6 - 8,6



Art. **S410**
MORSETTO DI SOSPENSIONE PER CAVI BT AUTOPORTANTI IN RAME
SUSPENSION CLAMP FOR LV SELF-SUPPORTING COPPER CABLES

Consente la sospensione in rettilineo ed angoli fino a 30°. E' composta da parti metalliche in acciaio inox e parti isolanti in resina acetalica. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 261005.

It allows straight-line suspension and angles up to 30°. It is composed of stainless steel elements and insulated parts made of acetal resin. Type approval tests are carried out by ENEL SpA with serial number 261005.

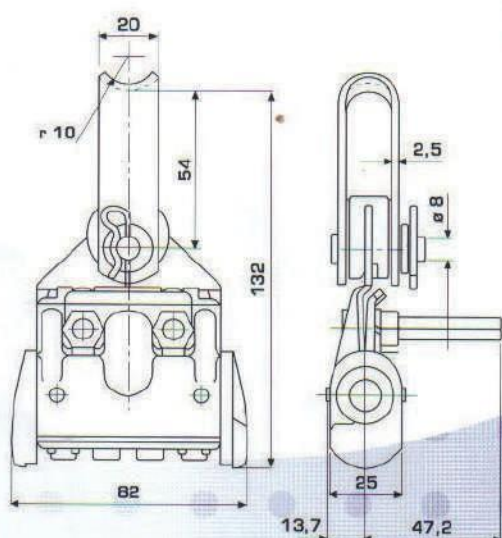


Cavo autoportante mmq	Diametro esterno del conduttore min - max mm	R	S
Self - supporting mmq	External diameter of conductor min - max mm	da N	da N
4 x 10	7,6 - 8,6	900	300

Art. **154S2**
MORSETTO DI SOSPENSIONE PER CAVI BT AUTOPORTANTI IN ALLUMINIO
SUSPENSION CLAMP FOR LV SELF-SUPPORTING ALUMINIUM CABLES

Consente la sospensione in rettilineo ed angoli fino a 30°. E' composta da parti metalliche in acciaio inox e parti isolanti in resina acetalica. Le prove di omologazione sono state effettuate da ENEL SpA con la matr. 261035.

It allows straight-line suspension and angles up to 30°. It is composed of stainless steel elements and insulated parts made of acetal resin. Type approval tests are carried out by ENEL SpA with serial number 261035.

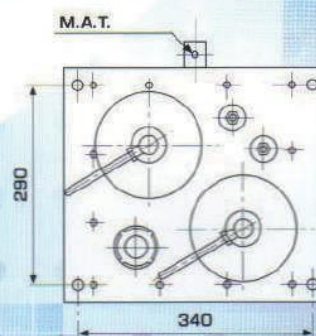
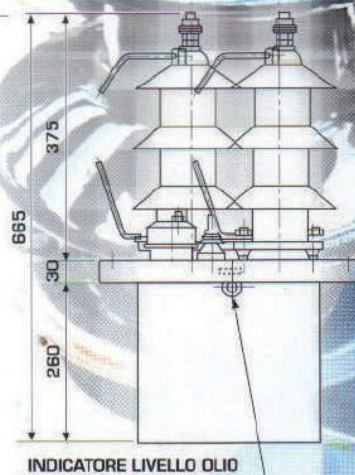
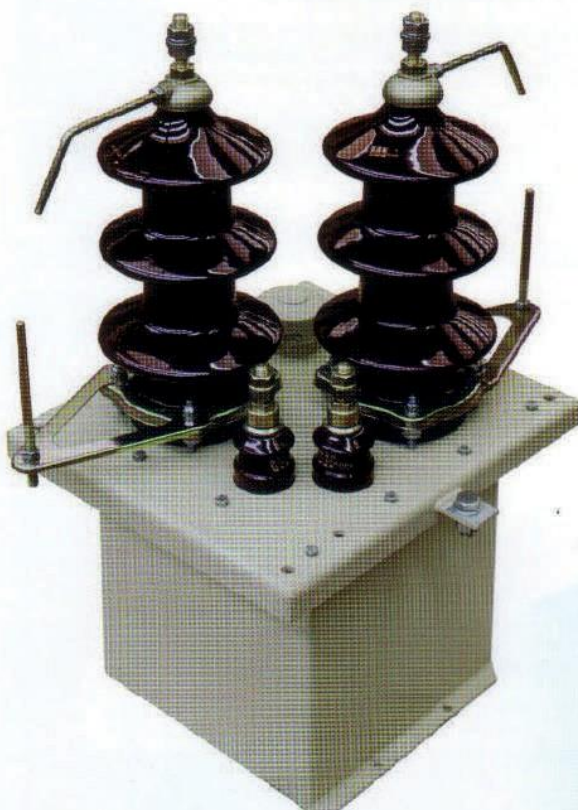


Cavo autoportante mmq	Diametro esterno del conduttore min - max mm	R	S
Self - supporting mmq	External diameter of conductor min - max mm	da N	da N
54,6	12,5 - 13,1	1200	400

Art. **RELÈ**
**RELE' DIFFERENZIALE A SQUILIBRIO
DI TENSIONE PER BATTERIE
DI CONDENSATORI STATICI MT**
**RESIDUAL CURRENT VOLTAGE BALANCE
RELAY FOR MV STATIC CAPACITOR BANKS**

Tensione max di esercizio:	24KV
Regolazione di intervento:	da 10 V a 90 V con gradini di 10 V
Errore sulla regolazione:	$\pm 10\%$
Potere di chiusura contatti :	15 A a 110 V cc
Tensione di tenuta BT:	2 KV per 1'
Tensione di prova:	41 KV
Installazione:	INTERNO - ESTERNO

Max. operating voltage:	24KV
Operating adjustment:	from 10 V to 90 V with 10 V-steps
Adjustment tolerance:	10%
Contact making capacity:	15 A at 110 V d.c.
LV withstand voltage:	2 KV for 1 s
Test voltage:	41KV
Installation:	INDOOR/OUTDOOR





ACCESSORIES FOR LV AND MV POWER LINES

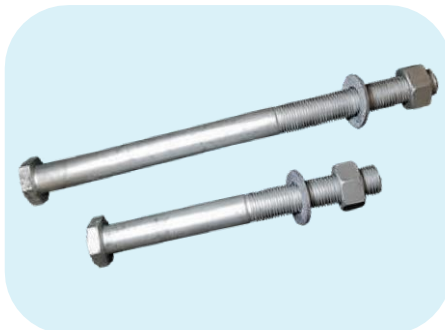


LV ANCHOR SUPPORT

Internal Code	Serial No.	Description
CEE0001	243060	LV anchor support

LV SUSPENSION SUPPORT

Internal Code	Serial No.	Description
CEE0002	243065	LV suspension support

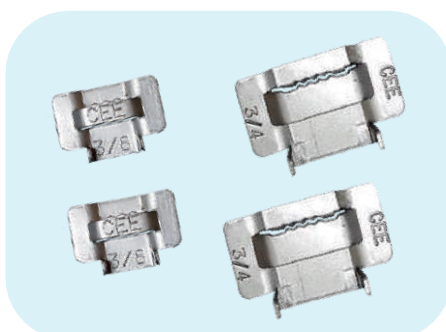


BOLTS FOR FIXING THE ANCHOR AND SUSPENSION SUPPORTS TO THE POLE

Internal Code	Serial No.	Description
CEE0003	243070	Fixing bolt M20x230
CEE0004	243071	Fixing bolt M20x350

FIXING SYSTEMS STAINLESS STEEL TAPE

Internal Code	Serial No.	Description
CEE0005	847603	Stainless steel tape L=9,5mm
CEE0006	847613	Stainless steel tape L=19mm



LOCKING CLAMP FOR STAINLESS STEEL TAPE

Internal Code	Serial No.	Description
CEE0007	847650	Locking clamp 3/8 (for tape 9.5)
CEE0008	847651	Locking clamp 3/4 (for tape 19)



ACCESSORIES FOR LV AND MV POWER LINES



MECHANICAL CLAMPING TOOL

Internal Code	Serial No.	Description
CEE0009	977551	Mechanical clamping tool

SPRING-LOADED ELASTIC TENSIONER

Internal Code	Serial No.	Description
CEE0010	264102	Spring-loaded elastic tensioner

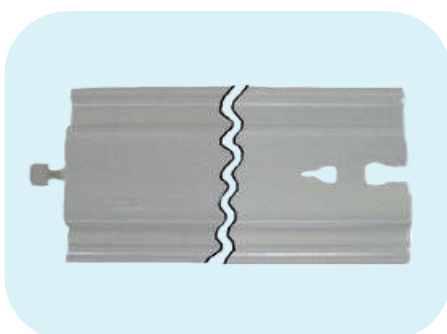


BOLT-ON CLAMP FOR GROUNDING POLES

Internal Code	Serial No.	Description
CEE0011	239800	Bolt-on clamp for grounding poles

TWO-WIRE SPLITTER CLAMP FOR COPPER CONDUCTORS - SECTION 10 ÷ 70 mm²

Internal Code	Serial No.	Description
CEE0012	262021	Clamp suitable for sect. 10÷25
CEE0013	262022	Clamp suitable for sect. 35÷70



SYNTHETIC RESIN COMPONENT TO PROTECT UNDERGROUND CABLES

Internal Code	Serial No.	Description
CEE0014	276030	Cable cover - length 550mm
CEE0015	276032	Cable cover - length 2050mm



ACCESSORIES FOR LV AND MV POWER LINES



RIGHT-HAND BRACKET

Breaking Load R=4t

Internal Code	Serial No.	Description
CEE0016	254402	Right-hand bracket R=4t

EYELET - BUTTON CONNECTOR

Breaking Load R=4t

Internal Code	Serial No.	Description
CEE0017	256500	Eyelet-button connector



EYELET - ORBIT CONNECTOR

Breaking Load R=4t

Internal Code	Serial No.	Description
CEE0018	256700	Eyelet-orbit connector

FORK – BUTTON CONNECTOR

Breaking Load R=4t

Internal Code	Serial No.	Description
CEE0019	256100	Fork-button connector



FORK – ORBIT CONNECTOR

Breaking Load R=4t

Internal Code	Serial No.	Description
CEE0020	256300	Fork-orbit connector



ACCESSORIES FOR LV AND MV POWER LINES



ANCHOR BOLT - OPENING 18

Breaking Load $R=7t$

Internal Code	Serial No.	Description
CEE0021	250610	Anchor bolt - opening 18

90° BRACKET

Breaking Load $R=7t$

Internal Code	Serial No.	Description
CEE0022	254451	90° bracket



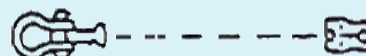
TRIANGULAR YOKE PLATE

Breaking Load $R=7t$

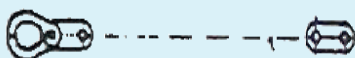
Internal Code	Serial No.	Description
CEE0023	258201	Triangular yoke plate

SIMPLE EQUIPMENT SUSPENSION AND ANCHOR KIT

Internal Code	Serial No.	Description
CEE0024	250005	Simple equipment S/A



No.1 pc - 254402
No.1 pc - 256500
No.1 pc - 256700



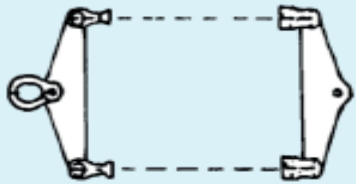
No.2 pc - 254200
No.1 pc - 254451

SIMPLE EQUIPMENT ANCHOR AND SPARK GAP KIT

Internal Code	Serial No.	Description
CEE0025	250008	Simple equipment A/S



ACCESSORIES FOR LV AND MV POWER LINES



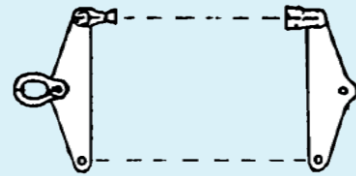
No.1 pc - 254451; No.2 pc - 258201
No.1 pc - 256100; No.2 pc - 256300

**DOUBLE EQUIPMENT
SUSPENSION AND ANCHOR KIT**

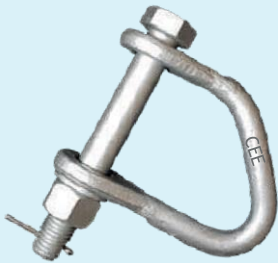
Internal Code	Serial No.	Description
CEE0026	250006	Double equipment S/A

**DOUBLE EQUIPMENT
ANCHOR AND SPARK GAP KIT**

Internal Code	Serial No.	Description
CEE0027	250009	Double equipment A/S



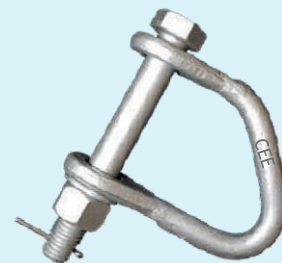
No.1 pc - 254451; No.2 pc - 258201
No.1 pc - 256100; No.2 pc - 256300

**ANCHOR BRACKET OPENING 70 WITH BOLT M18**
Breaking Load $R=7t$

Internal Code	Serial No.	Description
CEE0028	250630	Anchor bracket op.70 bolt M18

ANCHOR BRACKET OPENING 70 WITH BOLT M20
Breaking Load $R=7t$

Internal Code	Serial No.	Description
CEE0029	250612	Anchor bracket opening 70

**ANCHOR BRACKET OPENING 122 WITH BOLT M20**
Breaking Load $R=7t$

Internal Code	Serial No.	Description
CEE0030	250613	Anchor bracket opening 122

ACCESSORIES FOR LV AND MV POWER LINES

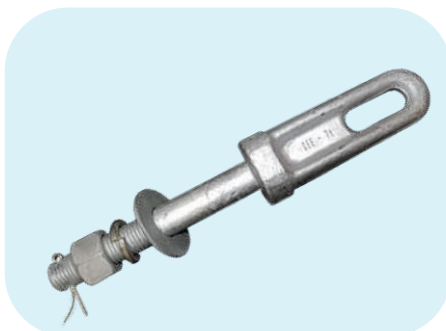
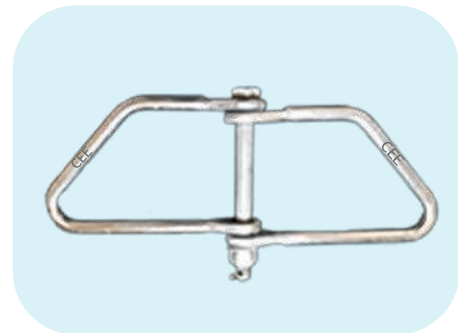


ANCHOR BRACKET OPENING 172 WITH BOLT M20 Breaking Load R=7t

Internal Code	Serial No.	Description
CEE0031	250614	Anchor bracket opening 172

DOUBLE ANCHOR BRACKET OPENING 110 BOLT M20 Breaking Load R=7t

Internal Code	Serial No.	Description
CEE0032	250618	Double anchor bracket op. 110

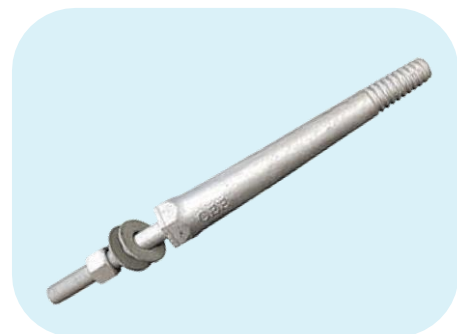


SUSPENSION PIN M22 x 160mm

Internal Code	Serial No.	Description
CEE0033	250678	MV suspension pin

INSULATOR PIN

Internal Code	Serial No.	Description
CEE0034	248063	Insulator pin M22x250
CEE0035	248065	Insulator pin M22x300



INSULATOR PIN EXTENSION

Internal Code	Serial No.	Description
CEE0036	248066	Insulator pin extension

ACCESSORIES FOR LV AND MV POWER LINES



TRANSFORMER SKID BASE

In galvanized steel, for trasf. 160kVA on PTS in CCRC and steel

Internal Code	Serial No.	Description
CEE0037	228030	Trasf. skid base 160kVA pole PTS

TRANSFORMER MOUNTING BRACKET

For CCRC pole-mounted transformer station, in galvanized steel

Internal Code	Serial No.	Description
CEE0038	228016	Steel bracket for mounting transformer on CCRC pole Ø360mm



TRANSFORMER MOUNTING BRACKET

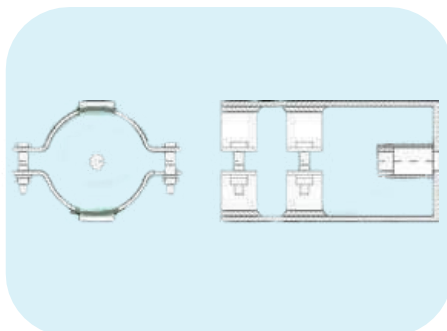
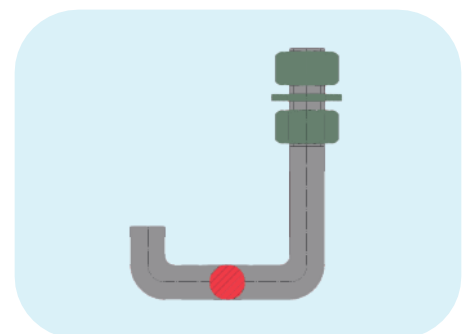
For steel PTS transformer station, in galvanized steel

Internal Code	Serial No.	Description
CEE0039	228017	Steel bracket for mounting transformer on steel PTS octagonal sheet metal pole Ø320mm

TRANSFORMER MOUNTING BRACKET

Made of galvanized steel, complete with nuts and washer

Internal Code	Serial No.	Description
CEE0040	-	Transformer mounting bracket



STEEL POLE CAP

For installation on wooden poles, made of galvanized steel

Internal Code	Serial No.	Description
CEE0041	244098	Steel pole cap for wooden poles

ACCESSORIES FOR LV AND MV POWER LINES



SWIVEL BRACKETS

For MV headover lines, made of galvanized steel

Internal Code	Serial No.	Description
CEE0042	244060	Swivel bracket type C1 150x330mm
CEE0043	244061	Swivel bracket type C2 150x450mm
CEE0044	244062	Swivel bracket type C3 150x570mm

M22 FIXING SCREW

MV headover lines, galvanized steel

Internal Code	Serial No.	Description
CEE0045	244064	Fixing screw for swivel brackets M22 length 140mm
CEE0046	-	Fixing screw for swivel brackets M22 length 160mm



ANCHOR SUPPORT

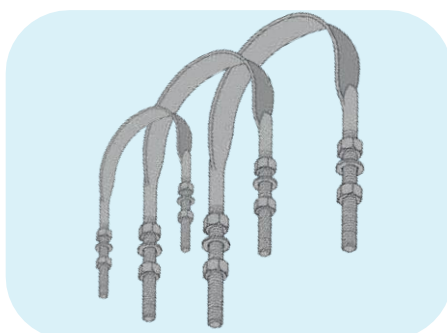
MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0047	250081	Anchor support type A1 with collar type 210mm
CEE0048	250082	Anchor support type A2 with collar type 280mm
CEE0049	250083	Anchor support type A3 with collar type 340mm

SUSPENSION SUPPORT

MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0050	244051	Suspension support type S1 with collar type 210mm
CEE0051	244052	Suspension support type S2 with collar type 280mm



COLLARS

For steel brackets and elicord supports, in galvanized steel

Internal Code	Serial No.	Description
CEE0052	245324	Collar with diameter d=210mm
CEE0053	245325	Collar with diameter d=280mm
CEE0054	245326	Collar with diameter d=340mm

ACCESSORIES FOR LV AND MV POWER LINES



SUPPORT FOR UNIPOLAR STRAIGHT JOINTS

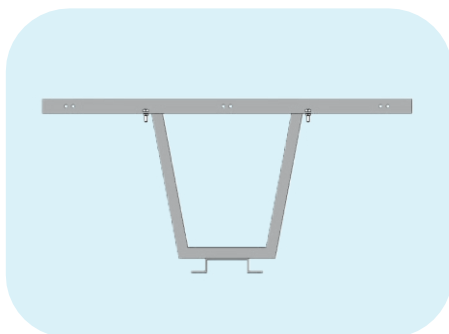
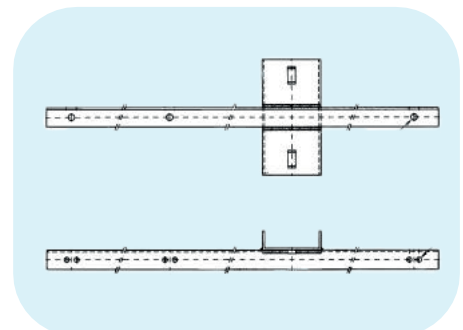
MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0055	250085	Support for unipolar straight joints

SUPPORT FOR ARRESTERS

MV headover lines, galvanized steel

Internal Code	Serial No.	Description
CEE0056	244044	Support for MV arresters



SUPPORT FOR MV UNIPOLAR CABLE TERMINALS

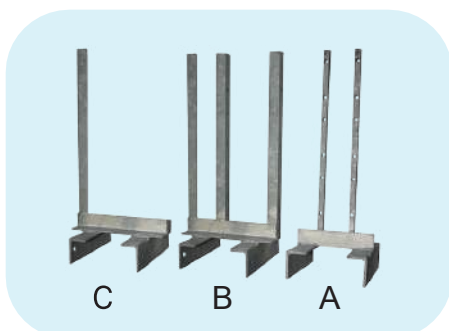
MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0057	250089	Support for MV unipolar cable terminals

ANCHOR SUPPORT TO SEC. CABIN IN HEIGHT

MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0058	250091	Anchor support to secondary cabin in height

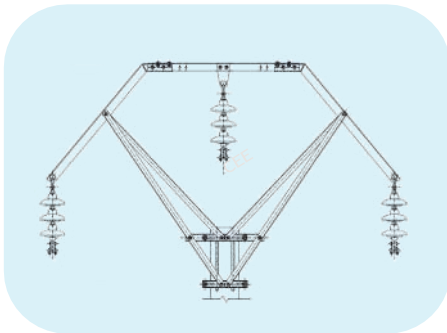


SUPPORT FOR EXTERNAL CONE BRANCH

MV headover lines, stranded cable on supp. wire, galvanized steel

Internal Code	Serial No.	Description
CEE0059	265081	Support for external cone branch, comprising part A+B
CEE0060	265082	Support for external cone branch, comprising part A+B+C

ACCESSORIES FOR LV AND MV POWER LINES



STRAIGHT TYPE BOXER BRACKET

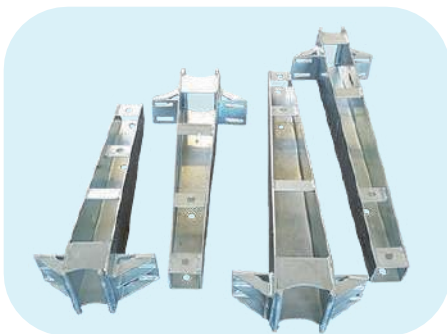
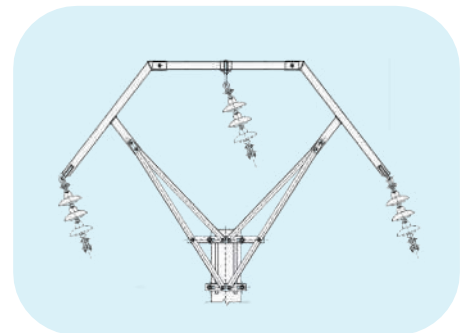
For MV headover lines, made of galvanized steel

Internal Code	Serial No.	Description
CEE0061	244012	Straight type boxer steel bracket

CORNER TYPE BOXER BRACKET

MV headover lines, galvanized steel

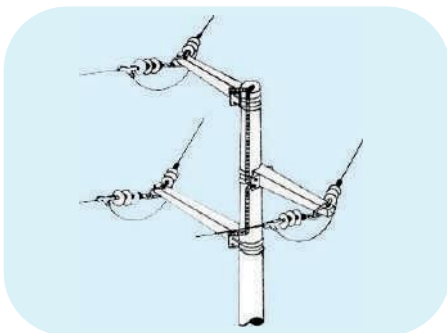
Internal Code	Serial No.	Description
CEE0062	244013	Corner type boxer steel bracket



STEEL BRACKETS

MV headover lines, galvanized steel

Internal Code	Serial No.	Description
CEE0063	244000	Bracket type M12C
CEE0064	244001	Bracket type M12L
CEE0065	244002	Bracket type M23C
CEE0066	244003	Bracket type M23L
CEE0067	244004	Bracket type M1C
CEE0068	244005	Bracket type M1L
CEE0069	244006	Bracket type M2C
CEE0070	244007	Bracket type M2L
CEE0071	244008	Bracket type M3C
CEE0072	244009	Bracket type M3L

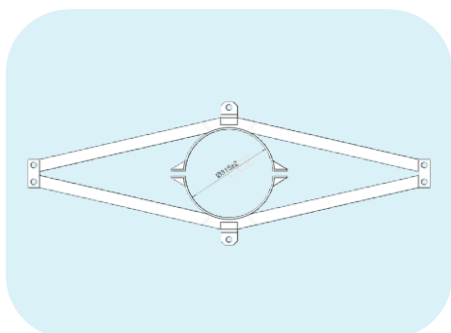


BRACKET FOR TERMINAL CABLES and arresters on pylon, galvanized steel

Internal Code	Serial No.	Description
CEE0073	222670	Bracket for terminal cables and arresters on pylon



ACCESSORIES FOR LV AND MV POWER LINES



STEEL CROSSBAR

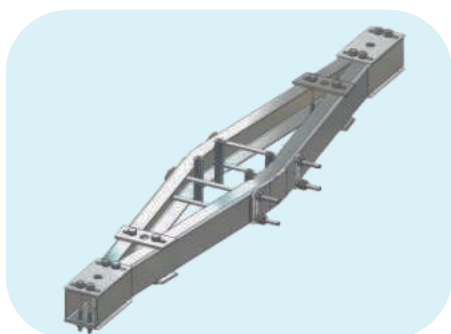
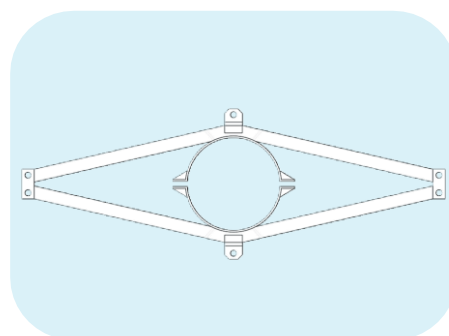
For MV line anchor for transformer station on pole CCRC

Internal Code	Serial No.	Description
CEE0074	228013	Steel crossbar for MV line anchor on pole CCRC Ø315mm

STEEL CROSSBAR

For MV line anchor for transformer station on sheet metal pole

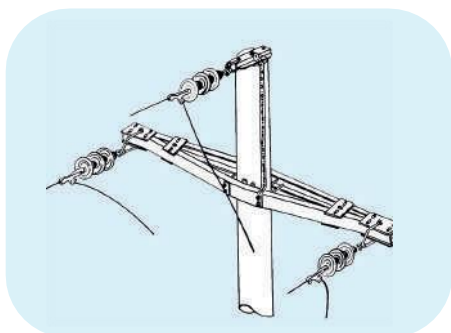
Internal Code	Serial No.	Description
CEE0075	228014	Steel crossbar for MV line anchor on sheet metal pole Ø240mm



STEEL CROSSBARS

For MV headover lines, galvanized steel

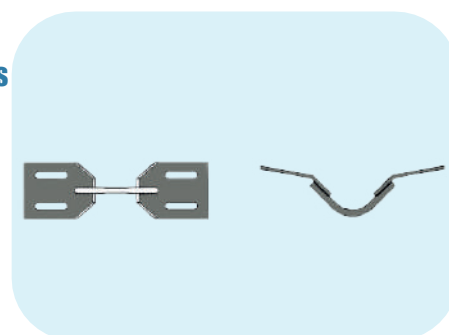
Internal Code	Serial No.	Description
CEE0076	244040	MV crossbar type L1 length 1720mm
CEE0077	244041	MV crossbar type L2 length 1720mm
CEE0078	244042	MV crossbar type L3 length 1720mm
CEE0079	244043	MV crossbar type L23 length 1720mm
CEE0080	244045	MV crossbar type P1 length 1800mm
CEE0081	244046	MV crossbar type P2 length 1900mm
CEE0082	244047	MV crossbar type P3 length 1900mm
CEE0083	244048	MV crossbar type P4 length 1900mm
CEE0084	244049	MV crossbar type CA length 2200mm



ANCHORING BRACKET

For MV headover lines on suspended insulators and boxer brackets

Internal Code	Serial No.	Description
CEE0085	245370	Anchoring bracket for the central section for crossbars P1, P2, P3 PTS branches or from lines with boxer brackets



ACCESSORIES FOR LV AND MV POWER LINES



COLLARS FOR LV HEADOVER LINES

Suitable for self-supporting stranded aluminium or copper cable

Internal Code	Serial No.	Description
CEE0086	278140	Short-type cable suitable for cables 3x35 Al. + 1x54,6 Al. 3x70 Al. + 1x54,6 Al.
CEE0087	278141	Long-type cable suitable for cables 3x35 Al. + 1x54,6 Al. 3x70 Al. + 1x54,6 Al.
CEE0088	278145	Short-type cable suitable for cables 2x10 CU 4x10 CU
CEE0089	278146	Long-type cable suitable for cables 2x10 CU 4x10 CU

HOOK FOR LV HEADOVER LINES

Suitable for self-supporting stranded aluminium of copper cable

Internal Code	Serial No.	Description
CEE0090	278151	Long-type hook suitable for cables 3x35 Al. + 1x54,6 Al. 3x70 Al. + 1x54,6 Al.
CEE0091	278156	Short-type hook suitable for cables 2x10 CU 4x10 CU



BRACKET AND SADDLES FOR LV HEADOVER LINES

Suitable for self-supporting stranded aluminium or copper cable

Internal Code	Serial No.	Description
CEE0092	278100	Saddle for aluminium cables=140mm
CEE0093	278103	Saddle for copper cables L=110mm
CEE0094	278107	Bracket for galvanized steel saddles

COLLARS FOR LV-MV PRE-STRANDED CABLE LINES

Suitable for fixing cables on pole or wall

Internal Code	Serial No.	Description
CEE0095	245361	For LV undergr.cables sec. 50mm ²
CEE0096	245362	For LV undergr.cables sec. 95÷240mm ²
CEE0097	245363	For MV headov.cables sec. 35÷150mm ²
CEE0098	245364	For MV undergr.cables sec. 50÷240mm ²
CEE0099	-	Screw for fixing collar on wall M8



ACCESSORIES FOR LV AND MV POWER LINES



ISOPHONIC COLLAR WITH EPDM GASKET

Made of steel with pre-fitted rubber and nylon plug

Internal Code	Maticola	Descrizione
CEE0100	-	Collar M8x90mm for pipes Ø1/4
CEE0101	-	Collar M8x90mm for pipes Ø3/8
CEE0102	-	Collar M8x90mm for pipes Ø1/2
CEE0103	-	Collar M8x90mm for pipes Ø3/4
CEE0104	-	Collar M8x90mm for pipes Ø1"
CEE0105	-	Collar M8x90mm for pipes Ø1" 1/4
CEE0106	-	Collar M8x90mm for pipes Ø1" 1/2
CEE0107	-	Collar M8x90mm for pipes Ø53-58
CEE0108	-	Collar M8x90mm for pipes Ø2"
CEE0109	-	Collar M8x90mm for pipes Ø68-72
CEE0110	-	Collar M8x90mm for pipes Ø2" 1/2
CEE0111	-	Collar M8x90mm for pipes Ø81-86
CEE0112	-	Collar M8x90mm for pipes Ø3"
CEE0113	-	Collar M8x90mm for pipes Ø3" 1/2
CEE0114	-	Collar M8x90mm for pipes Ø107-112
CEE0115	-	Collar M8x90mm for pipes Ø4"
CEE0116	-	Collar M8x90mm for pipes Ø125-130
CEE0117	-	Collar M8x90mm for pipes Ø5"
CEE0118	-	Collar M8x90mm for pipes Ø159-166
CEE0119	-	Collar M8x90mm for pipes Ø6"
CEE0120	-	Collar M8x90mm for pipes Ø200-212
CEE0121	-	



Note : Also available as an isophonic collar only; add the code 'SCI' to the product code, for example **CEE0100SCI**

VIBRATION DAMPER

For compact aluminium-coated steel conductors

Internal Code	Serial No.	Description
CEE0122	251014	Vibration damper for conductor Ø30mm
CEE0123	251016	Vibration damper for conductor Ø60mm



ACCESSORIES FOR LV AND MV POWER LINES



PRE-FORMED TIES FOR MV OVERHEAD LINES

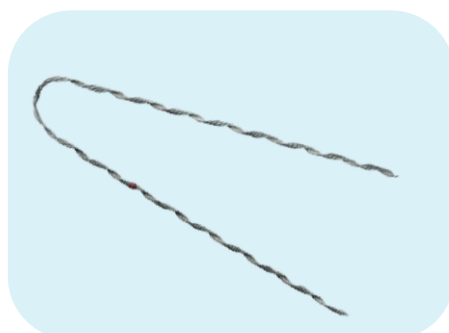
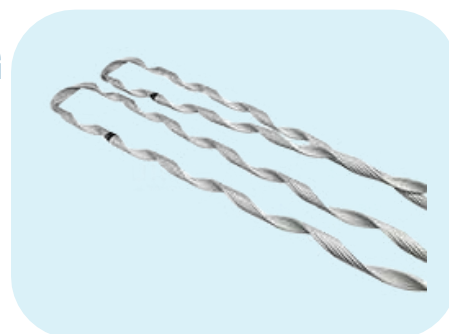
For lines with bare or XLPE-insulated conductors on rigid insulator

Internal Code	Serial No.	Description
CEE0124	269600	Tie for conductor CU, 16mm ²
CEE0125	269601	Tie for conductor CU, 25mm ²
CEE0126	269602	Tie for conductor CU, 35mm ²
CEE0127	269603	Tie for conductor Aldrey, 35mm ²
CEE0128	269605	Tie for compact conductor, 30mm ²
CEE0129	269606	Tie for compact conductor, 60mm ²
CEE0130	269607	Tie for conductor. XLPE, 30mm ²
CEE0131	269608	Tie for conductor XLPE, 60mm ²
CEE0132	269012	Tie for overh. cond. Al-St. 54,6mm ²

PRE-FORMED TIES FOR MV DIAMOND-SHAPED ANCHORING

For lines with bare or XLPE-insulated conductors on rigid insulator

Internal Code	Serial No.	Description
CEE0133	269604	Tie for cond. bare CU, 16mm ²
CEE0134	269614	Tie for cond. CU cov. XLPE 25mm ²
CEE0135	269616	Tie for cond. Steel cov. Al. 30mm ²
CEE0136	269618	Tie for cond. Steel cov. Al. 60mm ²
CEE0137	269620	Tie for cond. St.cov. Al. XLPE 30mm ²
CEE0138	269011	Tie for overh. cond. Al-St 54,6mm ²



PRE-FORMED TIES FOR MV OVERHEAD LINES

For lines with bare conductor on composite rigid insulator

Internal Code	Serial No.	Description
CEE0139	269640	Tie for conductor CU, 16mm ²
CEE0140	269642	Tie for conductor CU, 25mm ²
CEE0141	269644	Tie for conductor CU, 35mm ²
CEE0142	269646	Tie for conductor. Aldrey, 35mm ²
CEE0143	269648	Tie. cond. St. cov. Al. 30mm ²
CEE0144	269650	Leg. cond. St. cov. Al. 60mm ²
CEE0145	269613	Tie for overh. cond. Al-St 54,6mm ²

ACCESSORIES FOR LV AND MV POWER LINES

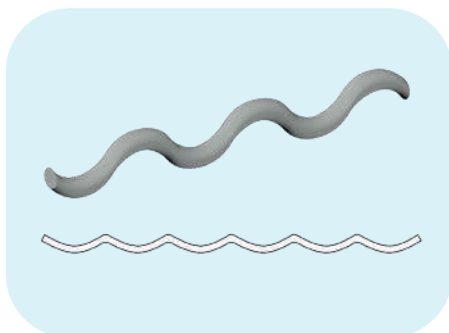
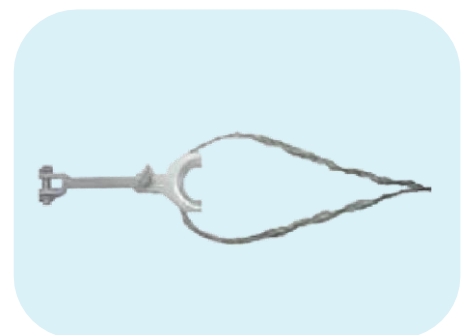


PRE-FORMED TIES FOR MV DIAMOND-SHAPED ANCHORING For lines with bare conductor on composite rigid insulator

Internal Code	Maticola	Descrizione
CEE0146	269634	Tie for cond. St. cov. Al. 30mm ²
CEE0147	269636	Tie for cond. St. cov. Al. 60mm ²
CEE0148	269638	Tie for cond. Aldrey 35mm ²
CEE0149	269014	Tie for overh. cond. Al-st. 54,6mm ²

PRE-FORMED TIES FOR TIE-DOWN ANCHOR Compact aluminium-coated steel conductor, section 30-60

Internal Code	Serial No.	Description
CEE0150	269622	Tie for cond. Al Ø6,5 - sec.30mm ²
CEE0151	269624	Tie for cond. Al Ø8,8 - sec.60mm ²



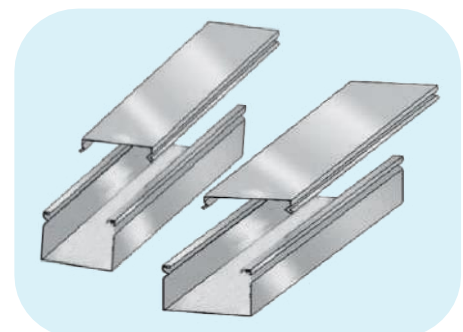
PRE-FORMED BARS For power lines

Internal Code	Serial No.	Description
CEE0152	-	Pre-formed helical bars for overhead lines, suitable for use with different types and cross-sections of conductor Minimum length L= 1500mm Maximum length L= 2400mm

METAL CHANNEL WITH CABLE ACCESS COVER

Made of galvanized steel, complete with cover

Internal Code	Serial No.	Description
CEE0153	-	Channel 100x100mm L=2,05mt
CEE0154	-	Channel 130x130mm L=2,05mt
CEE0155	-	Channel 150x150mm L=2,05mt
CEE0156	-	Channel 180x180mm L=2,05mt
CEE0157	-	Channel 200x200mm L=2,05mt
CEE0158	-	Channel support bracket for wall mounting



Note: If you have any specific requirements regarding dimensions, please contact us



ACCESSORIES FOR LV AND MV POWER LINES



WALL-MOUNTED BRACKET FOR LV CABLES

Internal Code	Serial No.	Description
CEE0159	277060	Wall-mounted bracket for LV cables

WALL-MOUNTED PIPE CLAMP

Internal Code	Serial No.	Description
CEE0160	277073	Pipe clamp diam. 50

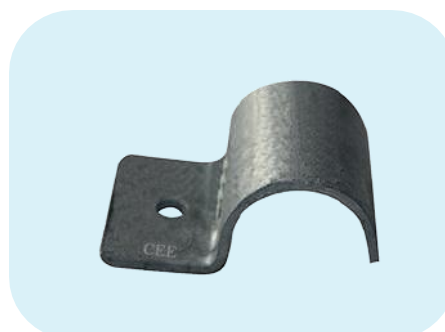


WALL-MOUNTED PIPE CLAMP WITH PLUG

Internal Code	Serial No.	Description
CEE0161	-	Pipe clamp with plug diam.50

ONE-HOLE STRAP FOR FIXING CABLES WITH STAINLESS STEEL TAPE

Internal Code	Serial No.	Description
CEE0162	277070	One-hole pipe strap



TWO-HOLE STRAP FOR LV CABLES

Internal Code	Serial No.	Description
CEE0163	299670	LV cable strap max. diam. 18
CEE0164	299416	LV cable strap max. diam. 28
CEE0165	299417	LV cable strap max. diam. 34

ACCESSORIES FOR LV AND MV POWER LINES



OVAL EYELET HOOKS WITH HANGER

In galvanized steel, for ENEL overhead cables lines

Internal Code	Serial No.	Description
CEE0166	278055	Round eyelet Ø12 - L=200mm
CEE0167	278056	Round eyelet Ø14 - L=260mm

OPEN-EYELET HOOKS WITH HANGER

In galvanized steel, to support carrying cables in overhead lines

Internal Code	Serial No.	Description
CEE0168	278051	Round hook Ø12 - L=200mm
CEE0169	278052	Round hook Ø14 - L=300mm
CEE0170	278053	Round hook Ø16 - L=400mm



STRAIGHT PIN WITH PLUG

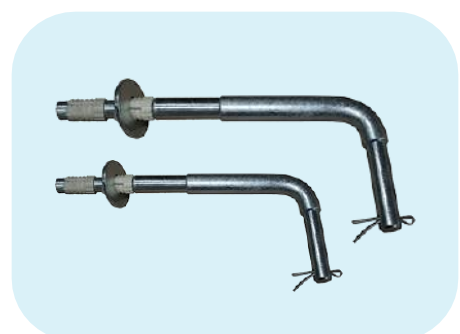
Made of galvanized steel

Internal Code	Serial No.	Description
CEE0171	278111	Pin with plug - length 240mm

90° PIN WITH PLUG

Made of galvanized steel

Internal Code	Serial No.	Description
CEE0172	278116	90° pin - length 130mm
CEE0173	278117	90° pin - length 250mm



90° PIN WITH HANGER

Made of galvanized steel

Internal Code	Serial No.	Description
CEE0174	278113	Round pin Ø16 Length 250mm
CEE0175	278114	Round pin Ø16 Length 400mm

ACCESSORIES FOR LV AND MV POWER LINES



CURVED HOOK WITH PLUG M10

Steel, for anchoring ropes Ø15mm, ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0176	-	Ø16 - T=75mm - S=45 - TL=135mm
CEE0177	-	Ø16 - T=75mm - S=75 - TL=162mm
CEE0178	-	Ø16 - T=75mm - S=125 - TL=212mm

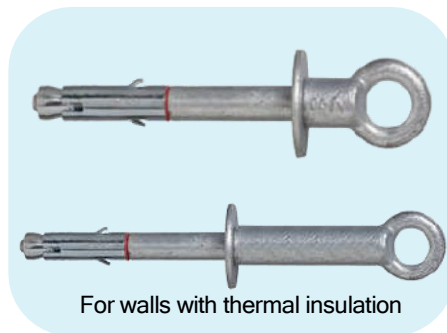
Ø=plug diameter; T= thread length; S= curved protrusion for support; TL=total length;

CURVED HOOK WITH NYLON PLUG M10

Forged steel, for anchoring ropes Ø16mm, ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0179	CEE -	Ø14 - T=85mm - S=65 - TL=165mm

Ø=plug diameter; T= thread length; S= curved protrusion for support; TL=total length;



EYE BOLT WITH PLUG M12

Forged steel, for anchoring ropes Ø25mm, ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0180	-	*Ø20 - P=145mm - S=70 - TL=215mm
CEE0181	-	*Ø20 - P=150mm - TL=330mm
CEE0182	-	*Ø24 - P=180mm - TL=365mm - M16

Ø= plug diameter; T= thread length; P = projection from the wall; TL=total length;

* Suitable for walls with external thermal insulation, maximum insulation depth 150mm;

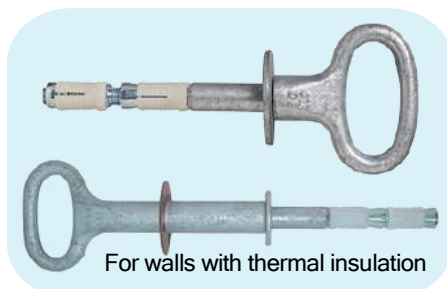
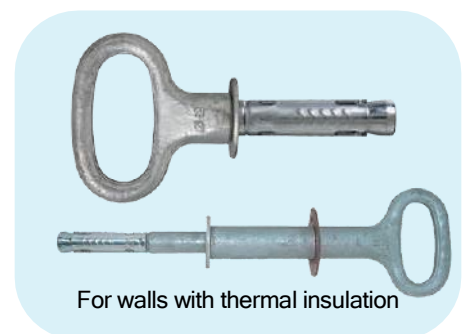
EXPANDABLE PLUG EYE BOLTS

Galvanized steel, for anchoring ropes or ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0183	278170	Ø18 - T=90mm - D=60 - P=steel
CEE0184	-	*Ø18 - T=130mm - D=180 - P=steel

Ø= plug diameter; T= thread length; D=centre distance; P=plug type included;

* Suitable for walls with external thermal insulation, maximum insulation depth 130mm;



EXPANDABLE PLUG EYE BOLTS

Galvanized steel, for anchoring ropes or ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0185	278171	Ø18 - T=140mm - D=60 - P2=nylon
CEE0186	-	*Ø18 - T=140mm - D=180 - P2=nylon

Ø= plug diameter; T= thread length; D=centre distance; P2=double plug type included;

* Suitable for walls with external thermal insulation, maximum insulation depth 140mm;

ACCESSORIES FOR LV AND MV POWER LINES



BRIDGE-TYPE CLAMP

Galv. steel, suit. for steel cables of ENEL and TELECOM networks

Internal Code	Serial No.	Description
CEE0187	263202	Bridge-type clamp M6
CEE0188	-	Bridge-type clamp M8
CEE0189	-	Bridge-type clamp M10

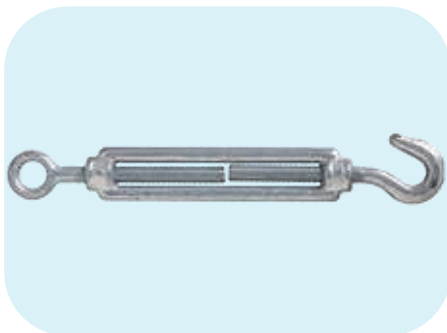
ON REQUEST FOR OTHER SIZE SPECIFICATIONS

OVAL THIMBLE

Made of galvanized steel, suitable for steel ropes or cables

Internal Code	Serial No.	Description
CEE0190	-	Thimble suitable for ropes Ø6
CEE0191	-	Thimble suitable for ropes Ø8
CEE0192	-	Thimble suitable for ropes Ø10

ON REQUEST FOR OTHER SIZE SPECIFICATIONS



HOOK AND EYE FORGED TURNBUCKLE

Galvanized steel, suitable for tensioning ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0193	-	Hook/eye turnbuck. M6 - max 45kg
CEE0194	-	Hook/eye turnbuck. M8 - max 75kg
CEE0195	-	Hook/eye turnbuck. M10 - max 115kg
CEE0196	-	Hook/eye turnbuck. M12 - max 150kg

ON REQUEST FOR OTHER SIZE SPECIFICATIONS

TWO-EYE FORGED TURNBUCKLE

Galvanized steel, suitable for tensioning ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0197	-	2-eye turnbuck. M6 - max 150kg
CEE0198	-	2-eye turnbuck. M8 - max 300kg
CEE0199	-	2-eye turnbuck. M10 - max 470kg
CEE0200	-	2-eye turnbuck. M12 - max 650kg

ON REQUEST FOR OTHER SIZE SPECIFICATIONS



SPIRAL ROPE

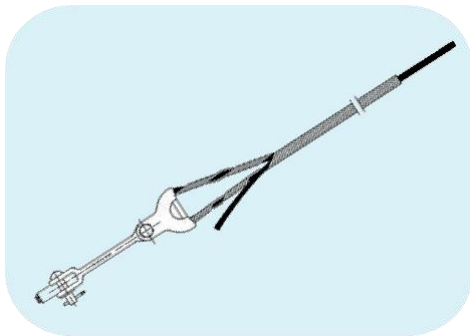
Galvanized steel, suitable for tensioning ENEL and TELECOM cables

Internal Code	Serial No.	Description
CEE0201	-	Rope Ø5mm - 19 cables Ø1,0mm
CEE0202	-	Rope Ø6mm - 19 cables Ø1,2mm
CEE0203	-	Rope Ø8mm - 19 cables Ø1,6mm

ACCESSORIES FOR FIBRE-OPTIC CABLE OVERHEAD LINES

ANCHOR EQUIPMENT

MV overhead power lines; overhead fibre-optic cable

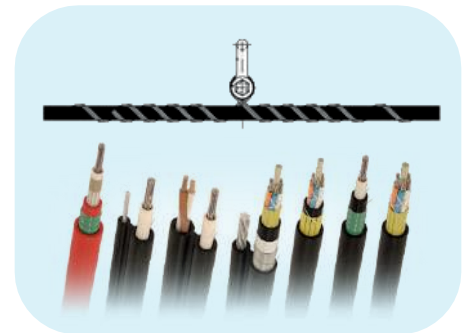


Internal Code	Serial No.	Description
CEE0204	269660	Anchor clamp for fibre-optic cable sec. 14÷15mm R. fibre-optic cable Ser.No.336003
CEE0205	269662	Anchor clamp for fibre-optic cable sec. 15÷16mm R. fibre-optic cable Ser.No.336001
CEE0206	269664	Anchor clamp for fibre-optic cable sec. 17÷18mm R. fibre-optic cable Ser.No.336002
CEE0207	269666	Anchor clamp for fibre-optic cable sec. 18÷19mm R. fibre-optic cable Ser.No.336004
CEE0208	269677	Anchor clamp for fibre-optic cable sec. 10÷11mm R. fibre-optic cable Ser.No.336020/1/2
CEE0209	269678	Anchor clamp for fibre-optic cable sec. 12÷13mm R. fibre-optic cable Ser.No.336023/4

SUSPENSION EQUIPMENT

MV overhead power lines; overhead fibre-optic cable

Internal Code	Serial No.	Description
CEE0210	269670	Suspension clamp for fibre-optic cable sec. 14÷15mm R. fibre-optic cable Ser.No.336003
CEE0211	269672	Suspension clamp for fibre-optic cable sec. 15÷16mm R. fibre-optic cable Ser.No.336001
CEE0212	269674	Suspension clamp for fibre-optic cable sec. 17÷18mm R. fibre-optic cable Ser.No.336002
CEE0213	269676	Suspension clamp for fibre-optic cable sec. 18÷19mm R. fibre-optic cable Ser.No.336004
CEE0214	269680	Suspension clamp for fibre-optic cable sec. 10÷11mm R. fibre-optic cable Ser.No.336020/1/2
CEE0215	269681	Suspension clamp for fibre-optic cable sec. 12÷13mm R. fibre-optic cable Ser.No.336023/4
CEE0216	269682	Suspension clamp for fibre-optic cable sec. 13÷14mm R. fibre-optic cable Ser.No.336023/4



ACCESSORIES FOR LV AND MV POWER LINES



WEDGE ANCHOR CLAMP

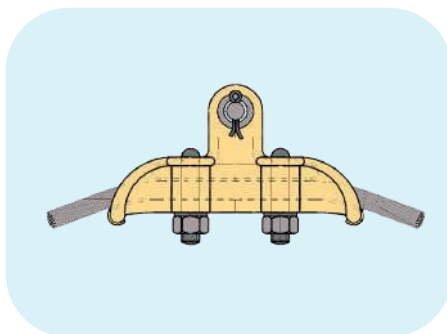
For aluminium-coated steel load-bearing rope Ø9mm

Internal Code	Serial No.	Description
CEE0217	261541	Wedge anchor clamp for alum.coat. st.load-b. rope Ø9mm

SUSPENSION CLAMP

For aluminium-coated steel load-bearing rope Ø9mm

Internal Code	Serial No.	Description
CEE0218	261574	Suspension clamp for alum.coat. st.load-b. rope Ø9mm



SUSPENSION CLAMP

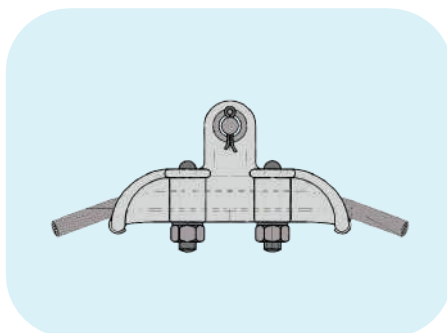
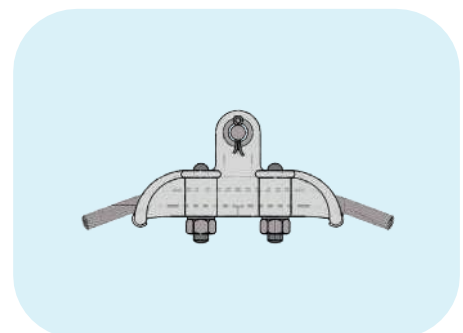
For copper and copper-clad steel conductors Ø7÷11 and Ø4÷7

Internal Code	Serial No.	Description
CEE0219	261000	Suspension clamp for copper or CU-clad st. conductors Ø7÷11mm
CEE0220	261013	Suspension clamp for copper or CU-clad st. conductors Ø4÷7mm

SUSPENSION CLAMP

For aluminium alloy conductors Ø7÷11

Internal Code	Serial No.	Description
CEE0221	261004	Suspension clamp for aluminium alloy conductors Ø7÷11mm



SUSPENSION CLAMP

For compact aluminium-coated steel conductors Ø6÷9mm

Internal Code	Serial No.	Description
CEE0222	261014	Suspension clamp for compact aluminium-coated steel conductors Ø6÷9mm

ACCESSORIES FOR LV AND MV POWER LINES



SUSPENSION CLAMP

For aluminium-steel alloy conductors Ø10-16mm

Internal Code	Serial No.	Description
CEE0223	261043	Suspension clamp for conductor in alum. - steel Ø10÷16mm

ANCHOR CLAMP

Bridge-type, for copper conductors Ø4÷7

Internal Code	Serial No.	Description
CEE0224	260200	Bridge-type anchor clamp for copper conductors Ø4÷7mm



ANCHOR CLAMP

Bridge-type, for copper conductors Ø7÷11

Internal Code	Serial No.	Description
CEE0225	260202	Bridge-type anchor clamp for copper conductors Ø7÷11mm

ANCHOR CLAMP

Bridge-type, for aluminium alloy conductors Ø7÷11

Internal code	Serial No.	Description
CEE0226	260242	Anchor clamp for aluminium alloy conductors Ø7÷11mm



ANCHOR CLAMP

Bridge-type, for aluminium-steel conductors Ø16

Internal Code	Serial No.	Description
CEE0227	260222	Bridge-type anchor clamp for aluminium-steel conductors Ø16mm

ACCESSORIES FOR LV AND MV POWER LINES



ANCHOR CLAMP

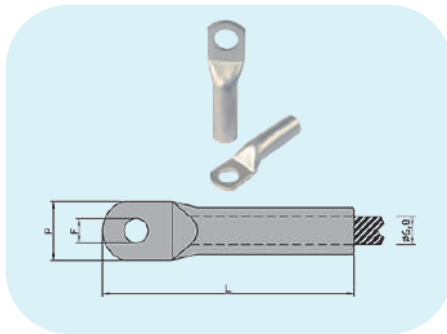
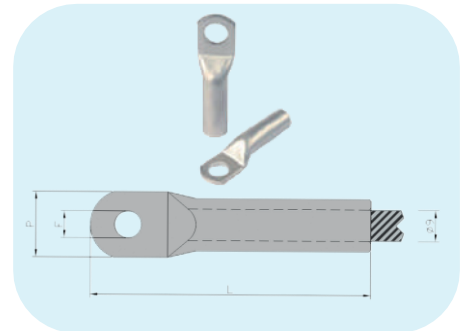
Bridge-type, for compact alum.-coated steel conductors Ø6-9mm

Internal code	Serial No.	Description
CEE0228	260224	Anchor clamp for compact alum.-coated steel conductors 6÷9mm

COMPRESSION CABLE LUG

Straight, for load-bearing cable, alum-coated steel sec. Ø50mm²

Internal Code	Serial No.	Description
CEE0229	239861	Alum. cable lug for MV load-bearing cable, alum-coated steel sec. Ø50mm ² L=80mm W=25mm H=13,2mm



TIN-PLATED COPPER COMPRESSION CABLE LUG

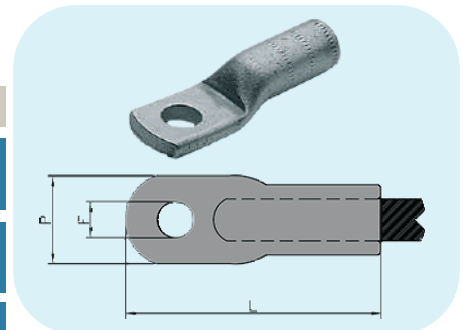
With flat eyelet connection, for MV cables with copper conductors

Internal Code	Serial No.	Description
CEE0230	210570	Tin-plated copper compr. cable lug with flat eyelet connection, for MV cables with copper conductors sec. Ø25mm ² L=72mm W=18mm H=13mm

TIN-PLATED COPPER COMPRESSION CABLE LUG

For bare MV copper cable section 25-35-70mm² flat connection

Internal Code	Serial No.	Description
CEE0231	210545	MV cable lug for bare cop. cond.sec. 25mm ² L=68mm W=20mm H=13mm
CEE0232	210573	MV cable lug for bare cop. cond.sec. 35mm ² L=75mm W=20mm H=13mm
CEE0233	210565	MV cable lug for bare cop. cond.sec. 70mm ² L=78mm W=25mm H=13mm



90° COMPRESSION CABLE LUG

For LV copper conductors section 50-95mm², in tin-plated copper

Internal Code	Serial No.	Description
CEE0234	210540	90° bent cable lug for copper cond. sec.50mm ² hole=Ø13mm
CEE0235	210541	90° bent cable lug for copper cond. sec. 95mm ² hole=Ø13mm

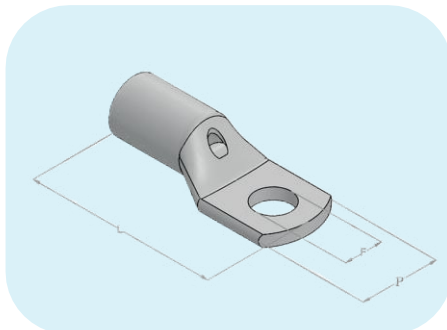
ACCESSORIES FOR LV AND MV POWER LINES



STRAIGHT COMPRESSION CABLE LUG

With flared entry, tin-plated copper, for LV in CU

Internal code	Serial No.	Description
CEE0236	210576	Cable lug LV for cond. CU sec.16mm ² rigid/flexible L=29,5mm W=12mm H=6mm
CEE0237	210538	Cable lug LV for cond. CU sec.16mm ² rigid/flexible L=37,5mm W=16mm H=10mm
CEE0238	210577	Cable lug LV for cond. CU sec.25mm ² rigid/flexible L=31mm W=14mm H=6mm
CEE0239	210539	Cable lug LV for cond. CU sec.25mm ² rigid/flexible L=39mm W=18mm H=10mm
CEE0240	210578	Cable lug LV for cond. CU sec.50mm ² rigid/35mm ² flexible L=51mm W=22mm H=12mm
CEE0241	210579	Cable lug LV for cond. CU sec.95mm ² rigid/70mm ² flexible L=65mm W=30mm H=12mm
CEE0242	210550	Cable lug LV for cond. CU sec.95mm ² rigid/70mm ² flexible L=58mm W=26mm H=16mm
CEE0243	210580	Cable lug LV for cond. CU sec.150mm ² rigid/120mm ² flexible L=70mm W=32mm H=12mm
CEE0244	210551	Cable lug LV for cond. CU sec.150mm ² rigid/120mm ² flexible L=82mm W=32mm H=20mm



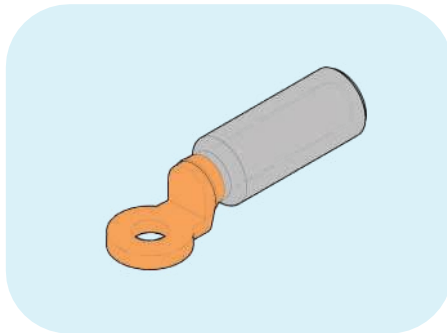
BIMETALLIC COMPRESSION CABLE LUG

For Aldrey aluminium alloy conductors, aluminium/copper

Internal Code	Serial No.	Description
CEE0245	210013	Bimetallic cable lug aldrey cond. sec.30mm ² hole=Ø13mm
CEE0246	210015	Bimetallic cable lug aldrey cond. sec.70mm ² hole=Ø13mm



ACCESSORIES FOR LV AND MV POWER LINES



BIMETALLIC COMPRESSION CABLE LUG

With eyelet, for LV/MV alum. conductors, made of alum./copper

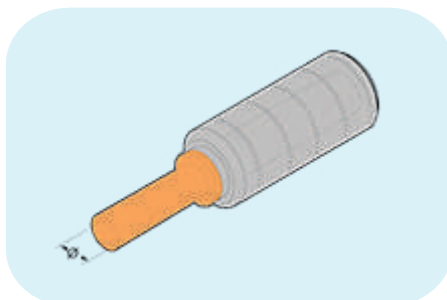
Internal code	Serial No.	Description
CEE0247	210565	Bimetallic cable lug. Al. Cond. sec. 25mm ² hole=Ø13mm
CEE0248	210542	Bimetallic cable lug. Al. Cond. sec. 35mm ² hole=Ø13mm
CEE0249	210543	Bimetallic cable lug. Al. Cond. sec. 50mm ² hole=Ø13mm
CEE0250	210544	Bimetallic cable lug. Al. Cond. sec. 70mm ² hole=Ø13mm
CEE0251	210581	Bimetallic cable lug. Al. Cond. sec. 95mm ² hole=Ø13mm
CEE0252	210561	Bimetallic cable lug. Al. Cond. sec. 120mm ² hole =Ø13mm
CEE0253	210562	Bimetallic cable lug. Al. Cond. sec. 150mm ² hole =Ø13mm
CEE0254	210563	Bimetallic cable lug. Al. Cond. sec. 150mm ² hole =Ø13mm
CEE0255	210564	Bimetallic cable lug. Al. Cond. sec. 240mm ² hole =Ø13mm



TERMINATION KIT

For aluminium conductors in low-voltage overhead cables

Cod. Interno	Maticola	Descrizione
CEE0256	273730	Termination kit composed of: n.3 Eye./cable l.phase sec. cond.35mm ² n.1 Eye./cable l.neut.sec. cond.54,6mm ² n.3 Phase sleeve n.1 Neutral sleeve
CEE0257	273731	Termination kit composed of: n.3 Eye./cable l.phase sec. cond.70mm ² n.1 Eye./cable l.neut.sec. cond.54,6mm ² n.3 Phase sleeve n.1 Neutral sleeve

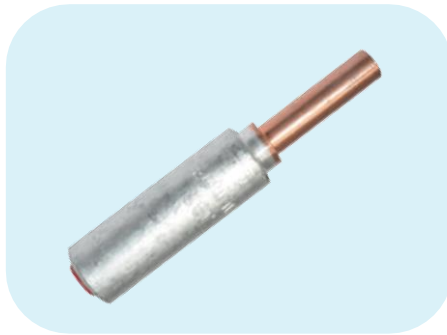


SHANK-TYPE BIMETALLIC CABLE LUG

For aluminium/steel MV conductors, made of aluminium - copper

Internal Code	Serial No.	Description
CEE0258	210575	Shank-type bimetallic cable lug for aluminium-steel conductors sec. 150mm ² - shank Ø14mm

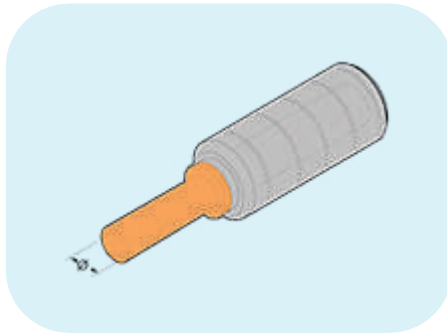
ACCESSORIES FOR LV AND MV POWER LINES



SHANK-TYPE BIMETALLIC CABLE LUG

For alum. MV conductors, made of aluminium-copper

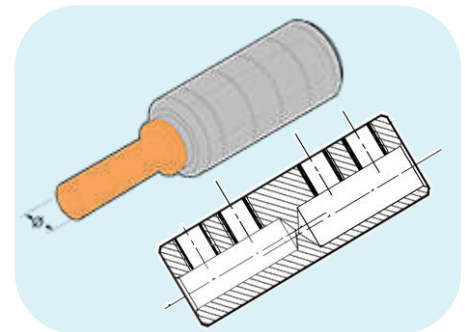
Cod. Interno	Maticola	Descrizione
CEE0259	273740	Shank-type bimet. cable lug for cond. Al. sec. 35mm ² - Ø14mm
CEE0260	273741	Shank-type bimet.cable lug for cond. Al. sec. 50mm ² - Ø12mm
CEE00261	273742	Shank-type bimet. cable lug for cond. Al. sec. 70mm ² - Ø14mm
CEE0262	273743	Shank-type bimet.cable lug for cond. Al. sec. 95mm ² - Ø14mm
CEE0263	273744	Shank-type bimet.cable lug for cond. Al. sec. 120mm ² - Ø14mm
CEE0264	273729	Shank-type bimet.cable lug for cond. Al. sec. 150mm ² - Ø14mm
CEE0265	273715	Shank-type bimet.cable lug for cond. Al. sec. 185mm ² - Ø14mm
CEE0266	273717	Shank-type bimet.cable lug for cond. Al. sec. 240mm ² - Ø14mm



CONNECTORS AND SLEEVES

Adapters for LV CT units, made of aluminium/copper

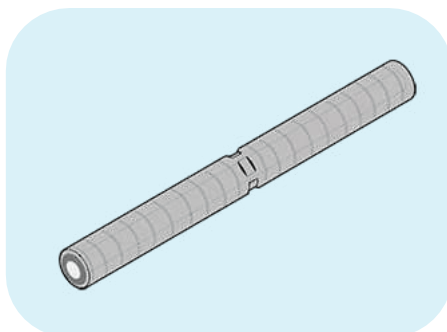
Internal Code	Serial No.	Description
CEE0267	539011	Bimetallic connectors for aluminium conductors sec.150mm ² - Ø=21mm
CEE0268	539012	Sleeves for copper conductors sec. 25mm ² and 50mm ²



COMPRESSION CABLE LUG

Copper with shank connection, for MV cables with copper conductors

Internal code	Serial No.	Description
CEE0269	273750	Copper compression cable lug with shank connection for MV cables with copper conductors sec. 25mm ²

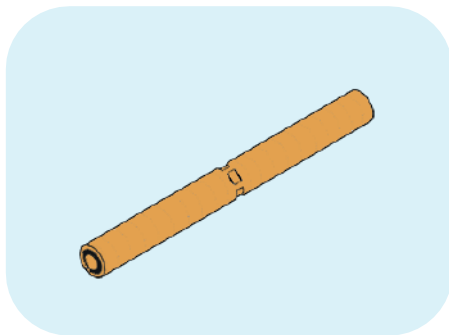


FULL-TRACTION COMPRESSION JOINTS

For MV aluminium alloy conductors, made of aluminium

Internal code	Serial No.	Description
CEE0270	265203	Full-traction joint for MV overhead lines in al. sec. 35mm ²
CEE0271	265205	Full-traction joint for MV overhead lines in al. sec. 70mm ²
CEE0272	265184	Full-traction joint for MV overhead lines in steel cov. al. sec. 30mm ²
CEE0273	265188	Full-traction joint for MV overhead lines in steel cov. al. sec. 60mm ²

ACCESSORIES FOR LV AND MV POWER LINES



FULL-TRACTION COMPRESSION JOINTS

For MV copper conductors with sec. Ø16÷70mm², made of copper

Internal Code	Serial No.	Description
CEE0274	265002	Full-traction joint for MV overhead lines in CU sec. 16mm²
CEE0275	265003	Full-traction joint for MV overhead lines in CU sec. 25mm²
CEE0276	265004	Full-traction joint for MV overhead lines in CU sec. 35mm²
CEE0277	265006	Full-traction joint for MV overhead lines in CU sec. 70mm²

Internal Code	Serial No.	Description
CEE0278	275027	Full-traction compression connector for copper conductors with sec. 10mm²

COMPRESSION JOINT

Full traction, for LV copper conductors with sec. 10mm², uninsulated, made of copper

COMPRESSION JOINT

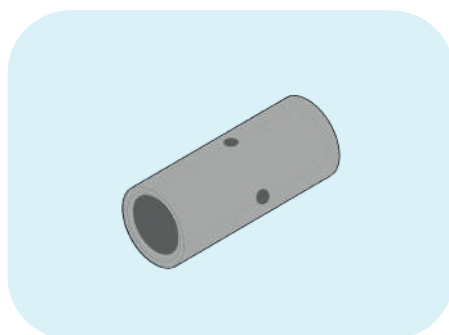
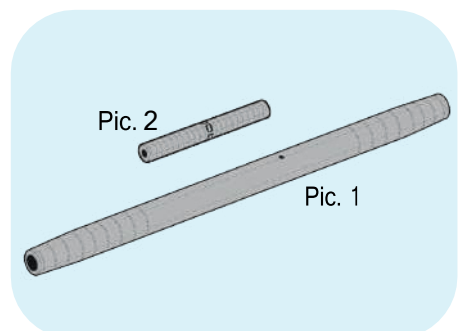
Full traction, load-bearing cable in steel covered in aluminium sec. 50mm², made of stainless steel

Cod. Interno	Maticola	Description
CEE0279	265620	Full-traction joint for load-bear. cable in steel cov. in alum. sec. 50mm²

FULL-TRACTION COMPRESSION JOINT

For aluminium steel conductor sec. 150mm²

Internal Code	Serial No.	Description
CEE0280	265405	Full-traction joint for aluminum conductors sec. 150mm² (pic.1)
CEE0281	265406	Full-traction joint for aluminum conductors sec. 150mm² (pic.2)



LV STRAIGHT COMPRESSION CONNECTOR

End-to-end joint for copper cables, made of tin-plated copper

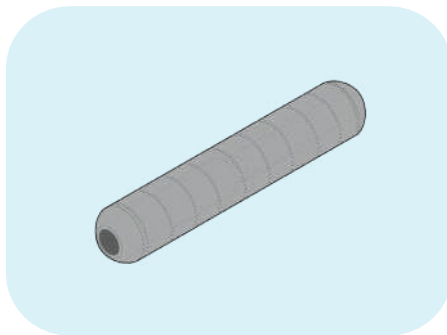
Internal code	Serial No.	Description
CEE0282	275022	LV joint cond. CU sec. 10mm²
CEE0283	275023	LV joint cond. CU sec. 16mm²
CEE0284	275024	LV joint cond. CU sec. 25mm²
CEE0285	275025	LV joint cond. CU sec. 50mm²
CEE0286	275026	LV joint cond. CU sec. 95mm²
CEE0287	275031	LV joint cond. CU sec. 150mm²

CEE0288	265210	Joint cond. St./Al. sec. 30mm²
CEE0289	265212	Joint cond. St./Al. sec. 60mm²

LV COMPRESSION JOINT

For compact aluminum-coated steel conductors with sec. 30 e 60 mm²

ACCESSORIES FOR LV AND MV POWER LINES



STRAIGHT COMPRESSION CONNECTORS FOR MV CABLES Aluminum conductors suitable for cross-sections 35÷240mm²

Cod. Interno	Maticola	Descrizione
CEE0290	275050	MV joint cond. Al. sec. 35mm ²
CEE0291	275051	MV joint cond. Al. sec. 50mm ²
CEE0292	275056	MV joint cond. Al. sec. 70mm ²
CEE0293	275052	MV joint cond. Al. sec. 95mm ²
CEE0294	275057	MV joint cond. Al. sec. 120mm ²
CEE0295	275053	MV joint cond. Al. sec. 150mm ²
CEE0296	275054	MV joint cond. Al. sec. 185mm ²
CEE0297	275055	MV joint cond. Al. sec. 240mm ²

Internal code	Serial No.	Description
CEE0298	275060	Reduction joint 185mm ² /50mm ²
CEE0299	275061	Reduction joint 185mm ² /95mm ²
CEE0300	275062	Reduction joint 185mm ² /150mm ²
CEE0301	275063	Reduction joint 240mm ² /185mm ²
CEE0302	275064	Reduction joint 240mm ² /150mm ²
CEE0303	275065	Reduction joint 150mm ² /120mm ²
CEE0304	275066	Reduction joint 150mm ² /95mm ²
CEE0305	275034	Reduction joint 120mm ² /95mm ²
CEE0306	275067	Reduction joint 95mm ² /70mm ²
CEE0307	275068	Reduction joint 95mm ² /50mm ²
CEE0308	275069	Reduction joint 70mm ² /50mm ²

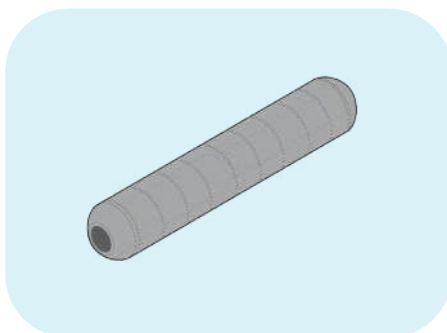
COMPRESSION CONNECTORS

Straight, reduction connectors for MV cables with aluminium or copper conductor, made of aluminium.



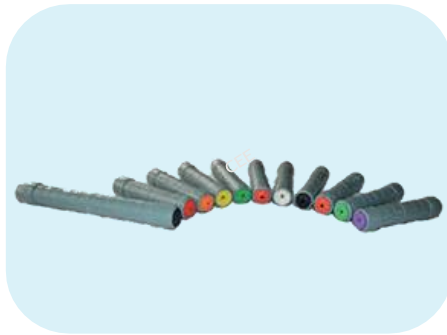
COMPRESSION CONNECTORS

Straight multi-voltage connectors for aluminum cables with extruded insulation sec. 16÷240mm²



Internal code	Serial No.	Description
CEE0309	275087	Joint for cond. al. sec. 16mm ²
CEE0310	275088	Joint for cond. al. sec. 25mm ²
CEE0311	275080	Joint for cond. al. sec. 35mm ²
CEE0312	275081	Joint for cond. al. sec. 50mm ²
CEE0313	275084	Joint for cond. al. sec. 70mm ²
CEE0314	275082	Joint for cond. al. sec. 95mm ²
CEE0315	275085	Joint for cond. al. sec. 120mm ²
CEE0316	275083	Joint for cond. al. sec. 150mm ²
CEE0317	275086	Joint for cond. al. sec. 185mm ²
CEE0318	275089	Joint for cond. al. sec. 240mm ²

ACCESSORIES FOR LV AND MV POWER LINES



PRE-INSULATED UNIPOLAR CONNECTORS

For joining load-bearing LV cables, Al-Cu conductor

Internal Code	Serial No.	Description
CEE0319	275009	4-piece kit for section 16Al-10CU
CEE0320	275010	4-piece kit for section 16Al-16Al
CEE0321	275011	4-piece kit for section 10CU-10CU
CEE0322	275012	3-piece kit for section 35Al-35Al 1pc for section 54,6Al-54,6Al
CEE0323	275013	3-piece kit for section 70Al-70Al 1pc for section 54,6Al-54,6Al
CEE0324	275014	3-piece kit for section 70Al-35Al 1pc for section 54,6Al-54,6Al
CEE0325	270122	3-piece kit for section 35Al-25CU 1pc for section 54,6Al-25CU
CEE0326	270123	3-piece kit for section 70Al-25CU 1pc for section 54,6Al-25CU
CEE0327	270124	3-piece kit for section 50Al-70CU 1pc for section 54,6Al-25CU

Note : Coloured sealing rings based on the cable section, as per ENEL specification

LV UNIPOLAR BRANCHING CONNECTORS

Drilling of insulation for LV cables - DM6050 Rev.05 dated 11-2014

Internal Code	Serial No.	Description
CEE0328	275001	LV perforation clamp PA70-35 DA54-10 DR25-6
CEE0329	275003	LV perforation clamp PA16 PR10 DR6-16 DA10-16
CEE0330	275004	LV perforation clamp PA150-50 DR 25-6 (DM6055)

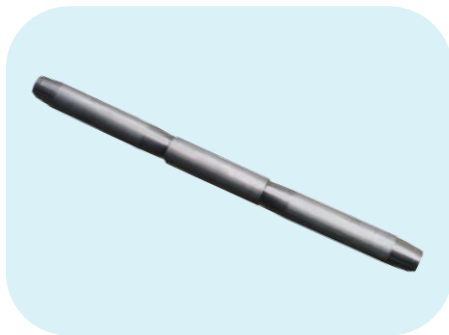


PERFORATION CLAMP FOR SHORT-CIRCUITING

Perforation of insulation for LV cables

Internal Code	Serial No.	Description
CEE0331	852120	LV cable short-circuit clamp for sec. 10÷25 lilac colour
CEE0332	852121	LV cable short-circuit clamp for sec. 35÷70 green colour
CEE0333	852122	LV cable short-circuit clamp for sec. 95÷150 orange colour
CEE0334	852123	LV cable short-circuit clamp for sec.150÷240 black colour

ACCESSORIES FOR LV AND MV POWER LINES



STRAIGHT COMPRESSION CONNECTORS FOR MV CABLES

Extended type for repair joints in aluminium conductors

Internal Code	Serial No.	Description
CEE0335	273752	MV joint for cond. Al. sec. 35mm ²
CEE0336	273753	MV joint for cond. Al. sec. 50mm ²
CEE0337	273754	MV joint for cond. Al. sec. 70mm ²
CEE0338	273755	MV joint for cond. Al. sec. 95mm ²
CEE0339	273756	MV joint for cond. Al. sec. 120mm ²
CEE0340	273757	MV joint for cond. Al. sec. 150mm ²
CEE0341	273758	MV joint for cond. Al. sec. 185mm ²
CEE0342	273759	MV joint for cond. Al. sec. 240mm ²

LV CLAMP CONNECTORS

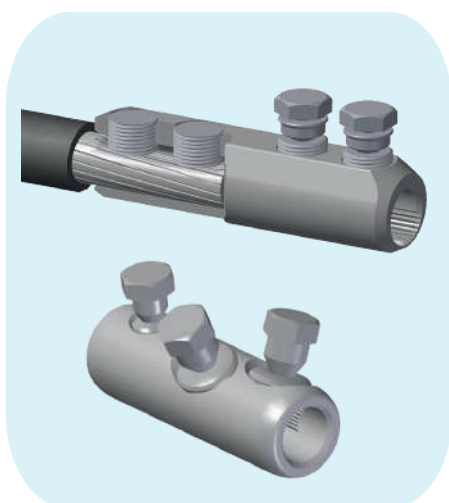
Mechanical screw-type clamping with predetermined breaking point.
For aluminium or copper conductors. Made of tin-plated aluminium

Internal Code	Serial No.	Description
CEE0343	-	Straight LV joint sec. 1,5÷16mm ²
CEE0344	-	Straight LV joint sec. 6÷35mm ²
CEE0345	-	Straight LV joint sec. 25÷50mm ²
CEE0346	-	Straight LV joint sec. 50÷95mm ²
CEE0347	-	Straight LV joint sec. 120÷185mm ²
CEE0348	-	Straight LV joint sec. 240÷300mm ²



LV-MV MECHANICAL CLAMP CONNECTORS

With predetermined breaking point. For aluminium or copper conductors. Made of tin-plated aluminium



Internal code	Serial No.	Description
CEE0349	-	Straight MV joint sec. 25÷95mm ²
CEE0350	-	Straight MV joint sec. 35÷150mm ²
CEE0351	-	Straight MV joint sec. 70÷240mm ²
CEE0352	-	Straight MV joint sec. 120÷300mm ²
CEE0353	-	Straight MV joint sec. 185÷400mm ²
CEE0354	-	Straight MV joint sec. ÷630mm ²
CEE0355	-	Straight MV joint sec. 800÷1000mm ²
CEE0356	-	Straight MV joint sec. 25÷150mm ²
CEE0357	-	Straight MV joint sec. 25÷240mm ²

ACCESSORIES FOR LV AND MV POWER LINES



The connector body is split to make it easier to identify the conductor sections. Recommended for use in joints with heat-shrink tubing. The body is pre-lubricated with an antioxidant grease for the screws.

MECHANICAL CLAMP-ON TRANSITION CONNECTORS

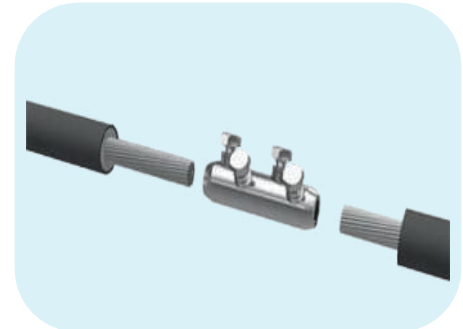
Predet. breaking point, for aluminium or copper LV-MV cond.

Internal code	Serial No.	Description
CEE0358	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 25÷95mm ²
CEE0359	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 35÷150mm ²
CEE0360	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 25÷150mm ²

MECHANICAL CLAMP-ON TRANSITION CONNECTORS

Predetermined break-off, for aluminium or copper LV-MV cond.

Internal code	Serial No.	Description
CEE0361	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 25÷95mm ²
CEE0362	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 35÷150mm ²
CEE0363	-	LV-MV cable reduction joint sec. side 1 = 70÷240mm ² sec. side 2 = 25÷150mm ²



The connector body has a uniform, straight shape. Recommended for use in joints with heat-shrink tubing. The body is pre-lubricated with an antioxidant grease for the screws.

LV-MV CLAMP-ON CABLE LUG

Mechanical screw-type clamping with predetermined break point.
For copper or alum. conductors.
Made of galvanized aluminium.



h=hole; sec. = conductor section;
The body is filled with anti-corrosion grease and lubricant for screws.

Internal code	Serial No.	Description
CEE0364	-	Cable lug h=12mm sec. 25÷95mm ²
CEE0365	-	Cable lug h=16mm sec. 25÷95mm ²
CEE0366	-	Cable lug h=12mm sec. 35÷150mm ²
CEE0367	-	Cable lug h=16mm sec. 35÷150mm ²
CEE0368	-	Cable lug h=12mm sec. 70÷240mm ²
CEE0369	-	Cable lug h=16mm sec. 70÷240mm ²
CEE0370	-	Cable lug h=12mm sec. 120÷300mm ²
CEE0371	-	Cable lug h=16mm sec. 120÷300mm ²
CEE0372	-	Cable lug h=12mm sec. 185÷400mm ²
CEE0373	-	Cable lug h=16mm sec. 185÷400mm ²
CEE0374	-	Cable lug h=12mm sec. 300÷630mm ²
CEE0375	-	Cable lug h=16mm sec. 300÷630mm ²
CEE0376	-	Cable lug h=20mm sec. 800÷1000mm ²

ACCESSORIES FOR LV AND MV POWER LINES



LV-MV 2-HOLE CLAMP-ON CABLE LUG

Mechanical screw-type clamping with predetermined break point.

Internal Code	Serial No.	Description
CEE0377	-	2-hole cable lug sec. 35÷150mm ²
CEE0378	-	2-hole cable lug sec. 70÷240mm ²

sec. = conductor section; Suitable for aluminium or copper conductors. Made of tin-plated aluminium, treated with anti-corrosion grease and lubricant for screws.

4-POLE ISOLATING AND BRANCHING TERMINAL BLOCK

For LV copper and aluminium cables up to 150 mm²; voltage 400 V

Internal Code	Serial No.	Description
CEE0379	286021	318° four-pole terminal block for isolating and branching copper cables with sec. 95mm ² Alum. cables with sec. max 150mm ²
CEE0380	286022	400A four-pole terminal block for isolating and branching copper cables with sec. 95mm ² Alum. cables with sec. 150mm ²



Material: self-extinguishing synthetic resin base, complete with tin-plated copper busbar, transparent polycarbonate protective shield and fasteners..

MV SWITCHBOARD SIGNAGE KIT

Aluminium signs for 15,000V and 20,000V MV switchboards



Internal code	Description
CEE0381	Aluminium signage kit for 15kV MV switchgear, incl.: No.1 330x470 "Emergency Services" sign No.1 300x200 "Electrical Switchgear" sign No.1 200x300 "Earth electrode" sign No.1 350 x lato "Triptych for switchgear" sign No.1 230x290 "Fire extinguisher no." sign No.1 300x200 "V15000 V230/400 Earthing" sign
CEE0382	Aluminium signage kit for 20kV MV switchgear, incl.: No.1 330x470 "Emergency Services" sign No.1 300x200 "Electrical Switchgear" sign No.1 200x300 "Earth electrode" sign No.1 350 x lato "Triptych for switchgear" sign No.1 230x290 "Fire extinguisher no." sign No.1 300x200 "V20000 V230/400 Earthing" sign

WE ALSO OFFER A WIDE RANGE OF SAFETY AND WARNING SIGNS

MADE OF ALUMINIUM OR SELF-ADHESIVE FILM, FEATURING A VARIETY OF PICTOGRAMS FOR USE IN SAFETY AND PREVENTION CONTEXT

FOR FURTHER DETAILS AND AVAILABILITY, PLEASE CONTACT OUR TECHNICAL DEPARTMENT

ACCESSORIES FOR LV AND MV POWER LINES



TWO-WIRE CLAMPS WITH BOLT FASTENING

Swing-type for branching aluminium and alum.-alloy conductors

Internal Code	Serial No.	Description
CEE0383	262011	Aluminium alloy conductor clamp. Through-wire sec. 16÷70mm ² Branch wire sec. 16÷40 mm ²
CEE0384	262013	Aluminium alloy conductor clamp. Through-wire sec. 150mm ² Branch wire sec. Al. 16÷70 mm ² Branch wire sec. Al-St. 150mm ²

TWO-WIRE CLAMPS WITH BOLT FASTENING

For diamond-shaped or dead-end terminals, for alum. conductors

Internal Code	Serial No.	Description
CEE0385	262016	Diamond-shaped two-wire clamp conductor sec. Al 25÷50mm ²
CEE0386	262017	Diamond-shaped two-wire clamp conductor sec. Al 70mm ²
CEE0387	262019	Diamond-shaped two-wire clamp conductor sec. Al-St. 150mm ²



TWO-WIRE CLAMP FOR COMPACT CONDUCTORS

Made of aluminium-coated steel

Internal Code	Serial No.	Description
CEE0388	262020	Two-wire clamp for comp. cond. cond. sec. Al/St. 30÷60mm ² sec. cond. CU 16/25/35mm ²

BIMETALLIC TWO-WIRE CLAMPS FOR BRANCHING

Copper, Aluminium and Aluminium-Steel Conductors

Internal Code	Serial No.	Description
CEE0389	262031	Bimetallic two-wire clamp Through-wire sec Al 16÷70mm ² Branch wire sec CU 6/50mm ²
CEE0390	262034	Bimetallic two-wire clamp Through-wire sec Al-St. 150mm ² Branch wire sec CU 25/35mm ²
CEE0391	262036	Bimetallic two-wire clamp Through-wire sec Al 150mm ² Branch wire sec CU 70mm ²
CEE0392	-	Bimetallic two-wire clamp Through-wire sec. Al-St. 25/150mm ² Branch wire sec CU 10/95mm ²



ACCESSORIES FOR LV AND MV POWER LINES



TWO-WIRE CLAMPS WITH BOLT FASTENING Swing-type for branching aluminium conductors

Cod. Interno	Maticola	Descrizione
CEE0393	-	Clamp for Alum-alloy conductor Sec. 6÷64mm ² (2 bolts)
CEE0394	-	Clamp for Alum-alloy conductor Sec. 10÷95mm ² (2 bolts)
CEE0395	-	Clamp for Alum-alloy conductor Sec. 16÷150mm ² (2 bolts)
CEE0396	-	Clamp for Alum-alloy conductor Sec. 25÷120mm ² (2 bolts)
CEE0397	-	Clamp for Alum-alloy conductor Sec. 25÷150mm ² (3 bolts)
CEE0398	-	Clamp for Alum-alloy conductor Sec. 50÷240mm ² (2 bolts)
CEE0399	-	Clamp for Alum-alloy conductor Sec. 50÷240mm ² (3 bolts)
CEE0400	-	Clamp for Alum-alloy conductor Sec. 35÷300mm ² (3 bolts)



BIMETALLIC TWO-WIRE CLAMPS FOR BRANCHING Aluminium and Copper Conductors

Internal code	Serial No.	Description
CEE0401	-	Bim 2-wire clamp 1 bolt Through-wire sec. Al 16÷95mm ² Branch wire sec. CU 2,5÷10mm ²
CEE0402	-	Bim 2-wire clamp. 2 bolts Through-wire sec. Al 16÷95mm ² sez. Branch wire sec. CU 6÷35mm ²
CEE0403	-	Bim 2-wire clamp. 2 bolts Through-wire sec. Al 16÷95mm ² Branch wire sec. CU 35÷120mm ²
CEE0404	-	Bim 2-wire clamp. 2 bolts Through-wire sec. Al-St. 25÷150mm ² Branch wire sec. CU 16÷95mm ²

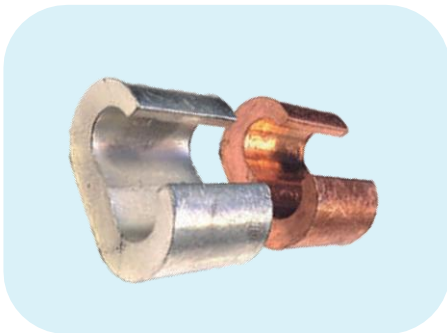


TWO-WIRE CLAMPS WITH BOLT FASTENING Swing-type for branching copper conductors

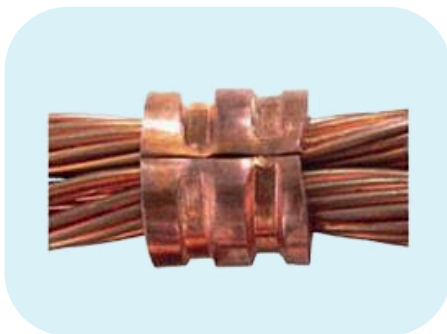
Internal code	Serial No.	Description
CEE0405	-	Two-wire clamp 2 bolts cond. sec. CU 16÷70mm ² cond. sec. CU 16÷70mm ²
CEE0406	-	Two-wire clamp 2 bolts cond. sec. CU 150mm ² cond. sec. CU 35÷150mm ²
CEE0407	-	Two-wire clamp 2 bolts cond. sec. CU 185mm ² cond. sec. CU 150÷185mm ²

Note: Also available in brass on request

ACCESSORIES FOR LV AND MV POWER LINES



Note: Items marked with an asterisk (*) indicate that the connector is made of tin-plated copper.



CEE0423

'C'-sh. branch compr. connect.
Through-wire sec. CU 150mm²
Branch wire sec. CU 150÷70mm²

CEE0424

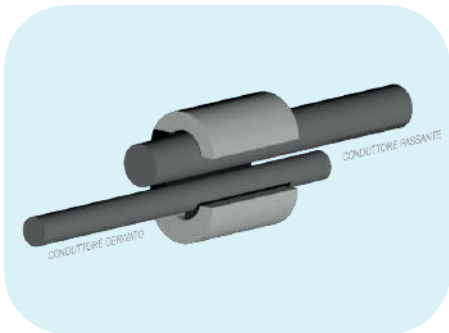
'C'-sh. branch compr. connect
Through-wire sec. CU 185÷120mm²
Branch wire sec. CU 185÷95mm²

'C'-SHAPED BRANCH COMPRESSION CONNECTOR

Made entirely of copper, for copper conductor

Internal code	Serial No.	Description
CEE0408	Ex-262404 275039*	'C'-sh. branch compr. connect. Through-wire sec. CU 16mm ² Branch wire sec. CU 16mm ²
CEE0409	Ex-262407 275037*	'C'-sh. branch compr. connect. Through-wire sec. CU 25mm ² Branch wire sec. CU 25mm ²
CEE0410	262408	'C'-sh. branch compr. connect. Through-wire sec. CU 35mm ² Branch wire sec. CU 16mm ²
CEE0411	262409	'C'-sh. branch compr. connect. Through-wire sec. CU 35mm ² Branch wire sec. CU 25mm ²
CEE0412	262415	'C'-sh. branch compr. connect. Through-wire sec. CU 70mm ² Branch wire sec. CU 16÷25mm ²
CEE0413	262416	'C'-sh. branch compr. connect. Through-wire sec. CU 70mm ² Branch wire sec. CU 35÷70mm ²
CEE0414	275020*	'C'-sh. branch compr. connect. Through-wire sec. CU 6mm ² Branch wire sec. CU 6mm ²
CEE0415	275021*	'C'-sh. branch compr. connect. Through-wire sec. CU 25mm ² Branch wire sec. CU 16mm ²
CEE0416	275038*	'C'-sh. branch compr. connect. Through-wire sec. CU 35mm ² Branch wire sec. CU 35mm ²
CEE0417	-	'C'-sh. branch compr. connect. Through-wire sec. CU 16÷25mm ² Branch wire sec. CU 16÷25mm ²
CEE0418	-	'C'-sh. branch compr. connect. Through-wire sec. CU 35mm ² Branch wire sec. CU 35÷16mm ²
CEE0419	-	'C'-sh. branch compr. connect. Through-wire sec. CU 70÷50mm ² Branch wire sec. CU 70÷35mm ²
CEE0420	-	'C'-sh. branch compr. connect. Through-wire sec. CU 95÷70mm ² Branch wire sec. CU 70÷35mm ²
CEE0421	-	'C'-sh. branch compr. connect. Through-wire sec. CU 120mm ² Branch wire sec. CU 120÷25mm ²
CEE0422	-	'C'-sh. branch compr. connect. Through-wire sec. CU 185÷150mm ² Branch wire sec. CU 95÷50mm ²

ACCESSORIES FOR LV AND MV POWER LINES



'C'-SHAPED BRANCH COMPRESSION CONNECTOR

Made entirely of aluminium, for aluminium conductor

Internal code	Serial No.	Description
CEE0425	262434	'C'-sh. branch compr. connect. Through-wire sec. Al. 35mm ² Branch wire sec. Al. 35mm ²
CEE0426	262436	'C'-sh. branch compr. connect. Through-wire sec. Al. 70mm ² Branch wire sec. Al. 35mm ²
CEE0427	262438	'C'-sh. branch compr. connect. Through-wire sec. Al. 70mm ² Branch wire sec. Al. 70mm ²
CEE0428	-	'C'-sh. branch compr. connect. Through-wire sec. Al. 35÷25mm ² Branch wire sec. Al. 35÷25mm ²
CEE0429	-	'C'-sh. branch compr. connect. Through-wire sec. Al. 70÷50mm ² Branch wire sec. Al. 50mm ²
CEE0430	-	'C'-sh. branch compr. connect. Through-wire sec. Al. 120÷95mm ² Branch wire sec. Al. 35÷10mm ²
CEE0431	-	'C'-sh. branch compr. connect. Through-wire sec. Al. 120÷95mm ² Branch wire sec. Al. 120÷95mm ²
CEE0432	-	'C'-sh. branch compr. connect. Through-wire sec. Al. 185÷150mq Branch wire sec Al. 95÷70mm ²

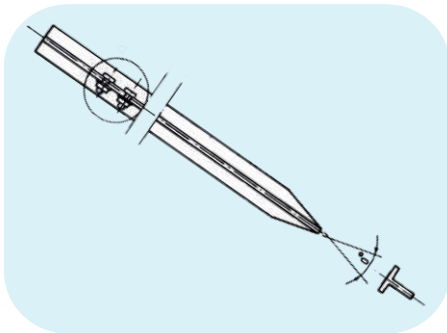
BRANCH COMPRESSION CONNECTOR

Made entirely of aluminium, for aluminium or copper conductor

Cod. Interno	Maticola	Descrizione
CEE0433	275042	Through-wire sec. CU/Al. 50mm ² Branch wire sec. CU/Al. 6÷25mm ²
CEE0434	275043	Through-wire sec. CU/Al. 95mm ² Branch wire sec. CU/Al. 6÷25mm ²
CEE0435	275044	Through-wire sec. CU/Al. 150mm ² Branch wire sec. CU/Al. 6÷25mm ²
CEE0436	-	Through-wire sec. . CU/Al. 35÷10mm ² Branch wire sec. CU/Al.35÷10mm ²
CEE0437	-	Through-wire sec. . CU/Al. 120÷50mm ² Branch wire sec. CU/Al. 70÷10mm ²
CEE0438	-	Through-wire sec. . CU/Al. 120÷95mm ² Branch wire sec. CU/Al. 120÷70mm ²
CEE0439	-	Through-wire sec. CU/Al. 185÷120mm ² Branch wire sec. CU/Al. 70÷10mm ²
CEE0440	-	Through-wire sec. CU/Al. 240÷95mm ² Branch wire sec. CU/Al. 240÷95mm ²
CEE0441	-	Through-wire sec. CU/Al 300÷240mm ² Branch wire sec. CU/Al. 70÷10mm ²



ACCESSORIES FOR LV AND MV POWER LINES



GROUND ROD

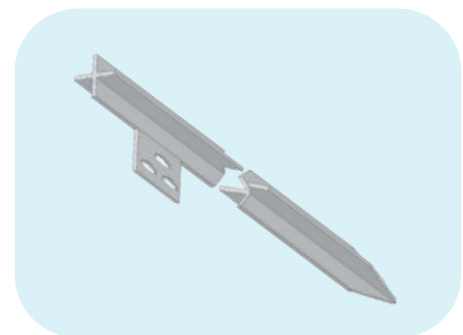
Galvanized steel T-shaped stake

Internal Code	Serial No.	Description
CEE0442	217000	T-shaped stake 50x50x7 Length 1600mm
CEE0443	217101	T-shaped stake 80x80x10 Length 850mm

GROUND ROD

Galvanized steel cross-shaped stake, with a 3-hole plate

Internal code	Serial No.	Description
CEE0444	-	Cross-sh.stake 50x50x5 L=1000mm
CEE0445	-	Cross-sh.stake 50x50x5 L=1500mm
CEE0446	-	Cross-sh. stake 50x50x5 L=2000mm



STRAIGHT COMPRESSION CABLE LUG

2-hole fitting, suitable for copper rope Ø7,56

Internal code	Serial No.	Description
CEE0447	217703	2-hole cable lug for ground stake

STRAIGHT COMPRESSION CABLE LUG

1-hole fitting, suitable for copper rope Ø7,56

Internal Code	Serial No.	Description
CEE0448	239801	1-hole cable lug for ground stake



PERFORATED-HEAD TERMINAL CLAMP Ø10

Single or double type, for connecting earth conductors to stakes

Internal Code	Serial No.	Description
CEE0449	-	Single-type terminal clamp
CEE0450	-	Double-type terminal clamp

ACCESSORIES FOR LV AND MV POWER LINES



LOAD-BEARING CLAMP M12

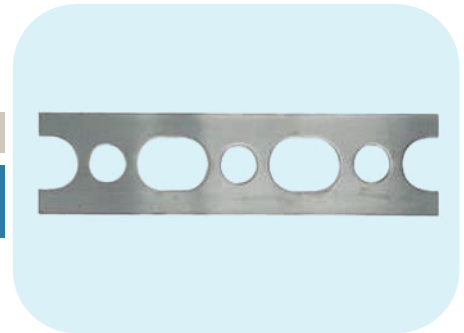
For earth conductors with a diameter of Ø40mm

Internal code	Serial No.	Description
CEE0451	217707	2-screw load-bearing clamp M5

PERFORATED ZINC STRIP

For connecting the grounding systems of MV overhead power lines

Internal Code	Serial No.	Description
CEE0452	239805	Width 46mm, Thickness 2,5mm Hole Ø17mm, Slot 33mm x 23mm



COPPER CABLE

Various sections, made of bare copper for forming a ground loop

Internal Code	Serial No.	Description
CEE0453	310402	Cable Ø6,42 with No.7 wires Ø2,14 sec. 25mm ² - 0,23kg/mt
CEE0454	310404	Cable Ø7,56 with No.7 wires Ø2,52 sec. 35mm ² - 0,32kg/mt
CEE0455	310406	Cable Ø10,70 with No.19 wires Ø2,14 sec. 70mm ² - 0,63kg/mt

COPPER CABLE

Various sections, made of annealed copper to form a ground loop

Internal Code	Serial No.	Description
CEE0456	217505	Cable Ø10,5 with No.19 wires Ø2,1 sec.63mm ² - 0,60kg/mt
CEE0457	217507	Cable Ø14,7 with No.37 wires Ø2,1 sec.125mm ² - 1,18kg/mt



EARTH TERMINAL WARNING SIGN

In aluminium, for identifying the earth conductor conn. to the poles

Internal Code	Serial No.	Description
CEE0458	-	200x300 al. sign white background
CEE0459	-	200x300 al. sign. blue background

ACCESSORIES FOR LV AND MV POWER LINES

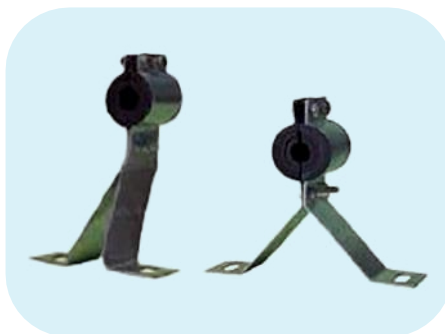


ANNEALED COPPER WIRE Ø2,8mm For binding; conductor section Ø6,158mm²

Internal Code	Serial No.	Description
CEE0460	310072	Annealed copper wire Ø2,8mm

ANNEALED ALUMINIUM WIRE Ø3mm For binding; conductor section Ø7,068mm²

Internal Code	Serial No.	Description
CEE0461	314051	Annealed aluminium wire Ø3mm



BRACKET FOR MV CABLE TERMINALS Made of galvanized steel, for indoor or outdoor use

Internal code	Serial No.	Description
CEE0462	244053	Terminal bracket for outdoor use
CEE0463	244054	Terminal bracket for outdoor use

POLE BRACKET FOR JUNCTION BOX Made of galvanized steel, for mounting LV cable junction box

Internal Code	Serial No.	Description
CEE0464	280611	Bracket for mounting a four-core cable junction box on a pole with max. sec. 50mm ²

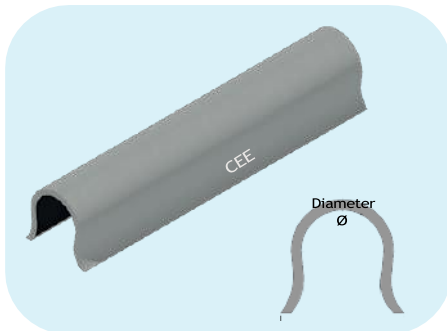


STRAIGHT PIN WITH HANGER Made of galvanized steel

Internal Code	Serial No.	Description
CEE0465	278110	Straight pin with hanger L=230mm



ACCESSORIES FOR LV AND MV POWER LINES



CABLE COVER

Shock-absorbing synthetic resin- length 3mt

Internal Code	Serial No.	Description
CEE0466	276074	Omega cover Ø52mm
CEE0467	276075	Omega cover Ø100mm
CEE0468	276073	Omega cover Ø76mm

COVER SUPPORT BRACKETS

Galvanized steel

Internal Code	Serial No.	Description
CEE0469	277052	Bracket height 60mm- R28mm
CEE0470	277053	Bracket height 104mm- R52mm
CEE0471	-	Bracket height 80mm - R38mm



PLATE FOR FIXING THE CABLE COVER TO A POLE

Stainless steel

Internal code	Serial No.	Description
CEE0472	277820	Plate 86x25
CEE0473	277821	Plate 116x25

PROTECTION AND SHIELDING

Of porcelain insulators in MV-LV transformers

Internal code	Serial No.	Description
CEE0474	852903	MV-LV insulator/transf. protection



PROTECTED CONNECTION CLAMP

Safety protection for LV side transformer insulators

Internal Code	Serial No.	Description
CEE0475	207090	Prot. for transf. 160-250 kVA
CEE0476	207091	Prot. for transf. 400 kVA
CEE0477	207092	Prot. for transf. 630 kVA

ACCESSORIES FOR LV AND MV POWER LINES



BIRD PROTECTION FOR MV THROUGH-WIRES

Surge protection kit for transformers and pole-mounted IMS units

Internal Code	Serial No.	Description
CEE0478	309531	Insulator cover cap
CEE0479	309532	Self-extinguish. insulating pipe

HEAT-SHRINK CAPS WITH 2 TO 6 OUTLETS

Made of cross-linked polyolefin, black, for LV cables

Internal Code	Serial No.	Description
CEE0480	-	2-outlet cap 30/10
CEE0481	-	2-outlet cap 50/24
CEE0482	-	2-outlet cap 90/45
CEE0483	-	3-outlet cap 28/9
CEE0484	-	3-outlet cap 35/15
CEE0485	-	3-outlet cap 55/23
CEE0486	-	3-outlet cap 75/28
CEE0487	-	3-outlet cap 110/35
CEE0488	-	4-outlet cap 28/9
CEE0489	-	4-outlet cap 35/15
CEE0490	-	4-outlet cap 47/23
CEE0491	-	4-outlet cap 60/25
CEE0492	-	4-outlet cap 78/36
CEE0493	-	4-outlet cap 95/36
CEE0494	-	4-outlet cap 115/36
CEE0495	-	4-outlet cap 120/55
CEE0496	-	4-outlet cap 150/55
CEE0497	-	5-outlet cap 35/15
CEE0498	-	5-outlet cap 50/15
CEE0499	-	5-outlet cap 65/21
CEE0500	-	5-outlet cap 70/15
CEE0501	-	6-outlet cap 115/54



ACCESSORIES FOR LV AND MV POWER LINES



HEAT-SHRINK CAPS FOR CABLE TERMINATIONS

Bipolar and quadripolar units with concentric neutral for LV lines

Internal Code	Serial No.	Description
CEE0502	279710	2-outlet cap code CT2U/6-16
CEE0503	279720	4-outlet cap code CT4U/6-6
CEE0504	279721	4-outlet cap code CT4U/16-25
CEE0505	279722	4-outlet cap code CT4U/50-150
CEE0506	279723	4-outlet cap code CT4U/240

Note: The dimensions given are suitable for the sections of the conductor cables

HEAT-SHRINK HOOD CAP

For sealing the cable ends of MV cables, made of black cross-linked polyolefin

Internal code	Serial No.	Description
CEE0507	-	Hood cap 14/4 l=45mm
CEE0508	-	Hood cap 16/6 l=45mm
CEE0509	-	Hood cap 24/8 l=65mm
CEE0510	-	Hood cap 40/15 l=105mm
CEE0511	-	Hood cap. 60/25 l=105mm
CEE0512	-	Hood cap. 75/35 l=160mm
CEE0513	-	Hood cap. 105/45 l=170mm
CEE0514	-	Hood cap. 120/55 l=130mm
CEE0515	276720	Hood cap. Ø 16-30
CEE0516	276721	Hood cap. Ø 30-50
CEE0517	276722	Hood cap. Ø 50-95



Note : The dimensions given refer to the state before and after the cap has retracted. For ENEL serial numbers, the diameters to which the cap can be fitted are shown.



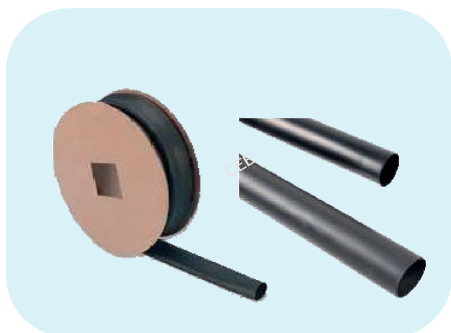
SEMICONDUCTIVE, HEAT-SHRINK HOOD CAP

For sealing the cable ends, made from cross-linked polyolefin

Internal Code	Serial No.	Description
CEE0518	-	Conductive hood cap 14/4 l=60mm
CEE0519	-	Conductive hood cap 24/8 l=65mm
CEE0520	-	Conductive hood cap 40/17 l=160mm
CEE0521	-	Conductive hood cap 62/25 l=160mm
CEE0522	-	Conductive hood cap 75/34 l=190mm
CEE0523	-	Conductive hood cap 105/54 l=160mm

Note : The dimensions given refer to the state before and after the cap has retracted.

ACCESSORIES FOR LV AND MV POWER LINES



THIN-WALL HEAT-SHRINK SHEATHED TUBING For LV cable terminations with a concentric neutral

Internal Code	Serial No.	Description
CEE0524	279700	Sheathed tube sec.6 l=10mt
CEE0525	279701	Sheathed tube sec.10-16 l=10mt
CEE0526	279702	Sheathed tube sec.25-50 l=10mt
CEE0527	279703	Sheathed tube sec.95-150 l=10mt
CEE0528	279704	Sheathed tube sec.240 l=10mt

Note: The dimensions given refer to the section of the conductor cable

THIN -WALL HEAT-SHRINK TUBING

For terminating LV cables, made of cross-linked polyolefin, black

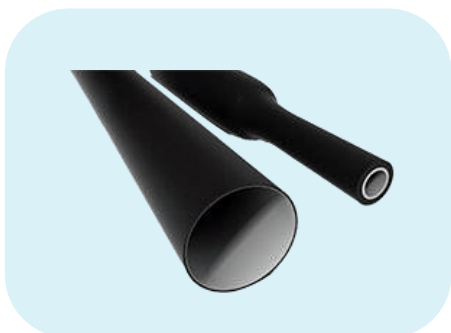
Internal Code	Serial No.	Description
CEE0529	-	Tube diam. 6,4/3,2mm l=100mt
CEE0530	-	Tube diam. 9,5/4,8mm l=100mt
CEE0531	-	Tube diam. 12,7/6,4mm l=100mt
CEE0532	-	Tube diam. 19,0/9,5mm l=50mt
CEE0533	-	Tube diam. 25,4/12,7mm l=50mt
CEE0534	-	Tube diam. 32/16mm l=30mt
CEE0535	-	Tube diam. 38/19mm l=30mt

Note: The diameter dimensions given are for before and after the tube has retracted.



MEDIUM-WALL HEAT-SHRINK TUBING

Internal hot-melt adhesive, cross-linked polyolefin, black



Internal code	Serial No.	Description
CEE0536	279110	Med. thick. tube diam. 12/3mm
CEE0537	279111	Med. thick. tube. diam. 20/6mm
CEE0538	279112	Med. thick. tube diam. 40/12mm
CEE0539	517440	Med. thick. tube diam. 30/8mm
CEE0540	-	Med. thick. tube diam. 16/5mm
CEE0541	-	Med. thick. tube. diam. 55/16mm
CEE0542	-	Med. thick. tube diam. 60/19mm
CEE0543	-	Med. thick. tube diam. 75/22mm
CEE0544	-	Med. thick. tube diam.100/30mm
CEE0545	-	Med. thick. tube diam.120/34mm
CEE0546	-	Med. thick. tube diam.140/40mm
CEE0547	-	Med. thick. tube diam.160/50mm
CEE0548	-	Med. thick. tube diam.180/60mm

Note: The diameter dimensions given refer to the tube before and after retraction; total length:1mt



ACCESSORIES FOR LV AND MV POWER LINES



HEAT-SHRINK KIT FOR STRAIGHT JOINTS

For 4-core LV cables with a concentric neutral cond. Al-Cu cond.

Internal Code	Serial No.	Description
CEE0549	270320	Kit for LV cables-Al 3x10+6C
CEE0550	270322	Kit for LV cables -Al 3x50+25C
CEE0551	270324	Kit for LV cables-Al 3x150+50C
CEE0552	270326	Kit for LV cables -Al 3x240+96C
CEE0553	270401	Kit for LV cables -CU 3x16+16C
CEE0554	270402	Kit for LV cables -CU 3x50+25C
CEE0555	270404	Kit for LV cables -CU 3x150+95C

Note : Connectors not included in the kits

OPEN-END HEAT-SHRINK SHEATHED TUBING

Medium thickness, made of cross-linked polyolefin, black

Internal Code	Serial No.	Description
CEE0556	-	Open-end tube, size 48/8 l=1mt
CEE0557	-	Open-end tube, size 52/10 l=1mt
CEE0558	-	Open-end tube, size 76/22 l=1mt
CEE0559	-	Open-end tube, size 100/30 l=1mt
CEE0560	-	Open-end tube, size 139/38 l=1mt

Note: The dimensions given refer to the tube before and after retraction



MV SELF-RETRACTING STRAIGHT JOINT

For Al-Cu insulated cables with a max. volt. of 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0561	-	Straight self-ret. junction kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details

MV SELF-RETRACTING STRAIGHT JOINT

For XPLE- or EPR-insul. cables with Al-Cu cond. from 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0562	-	Straight self-ret. junction kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details



ACCESSORIES FOR LV AND MV POWER LINES



SELF-RETRACTING INDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables sing. Al-CU cond. from 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0563	-	Self-ret. indoor terminal kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details

SELF-RETRACTING OUTDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables sing. Al-CU cond. from 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0564	-	Self-ret. outdoor terminal kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details



SELF-RETRACTING INDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables 3-c. Al-CU cond. from 24 kV to 36 kV

Internal Code	Serial No.	Description
CEE0565	-	Self-ret. indoor terminal kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

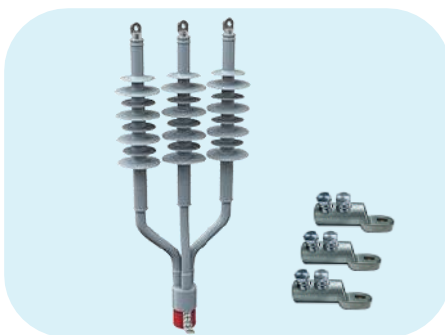
Note: Please contact us for further details

SELF-RETRACTING OUTDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables 3-c. Al-CU cond. from 24 kV to 36 kV

Internal Code	Serial No.	Description
CEE0566	-	Self-ret. outdoor terminal kit. Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details





ACCESSORIES FOR LV AND MV POWER LINES



HEAT-SHRINK INDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables sing. Al-CU cond. fr. 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0567	-	Heat-shrink indoor terminal kit Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details

HEAT-SHRINK OUTDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables sing. Al-CU cond. fr. 12 kV to 36 kV

Internal Code	Serial No.	Description
CEE0568	-	Heat-shrink outdoor terminal kit Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details



HEAT-SHRINK INDOOR MV TERMINAL KIT

For XPLE- or EPR-insul. cables 3-c. Al-CU cond. fr. 24 kV to 36 kV

Internal Code	Serial No.	Description
CEE0569	-	Heat-shrink indoor terminal kit Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details

HEAT-SHRINK OUTDOOR MV TERMINAL KIT

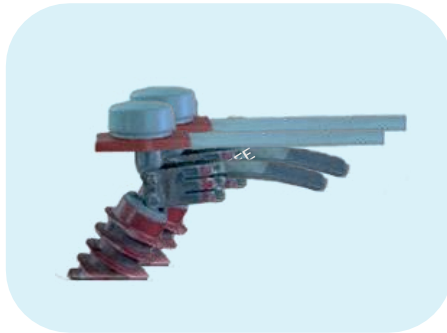
For XPLE- or EPR-insul. cables 3-c. Al-CU cond. from 24 kV to 36 kV

Internal Code	Serial No.	Description
CEE0570	-	Heat-shrink outdoor terminal kit Minimum sec. 25mm ² Maximum sec. 1000mm ²

Note: Please contact us for further details



ACCESSORIES FOR LV AND MV POWER LINES



MV TERMINAL BUSBAR INSULATION KIT

Protection of connection betw. MV busbar and bushing insulator

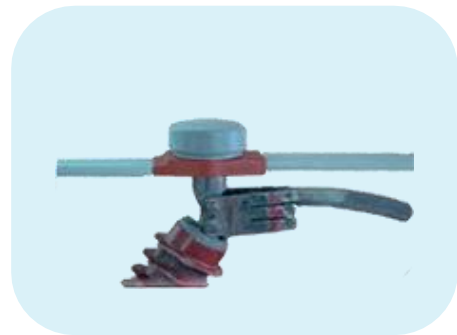
Internal Code	Serial No.	Description
CEE0571	-	Terminal version busbar insulation kit for covering and protecting the connection between the MV busbar and the bushing insulator

The kit can be adapted to different types of insulators using specific types of bolts and nuts

MV BUSBAR INSULATION KIT

Protection of connect. betw. busbar and insulator (through-type)

Internal Code	Serial No.	Description
CEE0572	-	Busbar insulation kit (through-type) for covering and protecting the connection between the busbar and the insulator



The kit can be adapted to different types of insulators using specific types of bolts and nuts



RE-SEALABLE ROUND SHEATH FOR BARE CONDUCTORS

Protection for the insulation of overhead bare conductors

Internal Code	Serial No.	Description
CEE0573	-	Round, resealable sheath for overhead bare conductors - available sections: 35mm ² , 50mm ² , 70mm ² and 150mm ²

MV USER PANEL SURGE PROTECTION KIT

For MV switchboards

Internal Code	Serial No.	Description
CEE0574	-	Kit for insulating and protecting metal terminals of VT and CT units inside the cabin switchboard

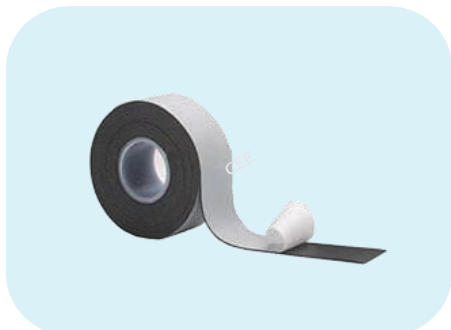


HEAT-SHRINK INSULATING TAPE

For Al-Cu bushbars up to 24 kV

Internal Code	Serial No.	Description
CEE0575	-	Tape dim. H=25mm L=10mt
CEE0576	-	Tape dim. H=50mm L=10mt
CEE0577	-	Tape dim. H=100mm L=5mt

ACCESSORIES FOR LV AND MV POWER LINES



SELF-FUSING TAPE, BLACK, UP TO 69 kV

EPR rubber insul. tape for LV-MV applications, thick. 0,50 and 0,75mm

Internal Code	Serial No.	Description
CEE0578	-	Tape H=19,1mm L=9,1mt T=0,50mm
CEE0579	864000	Tape H=19,1mm L=9,1mt T=0,75mm
CEE0580	-	Tape H=25mm L=9,1mt T=0,75mm
CEE0581	-	Tape H=38mm L=9,1mt T=0,75mm
CEE0582	-	Tape H=51mm L=9,1mt T=0,75mm

H=height, L=length, T=thickness

SELF-ADHESIVE INSULATING TAPE

Self-extinguishing PVC tape in black and grey col.

Internal Code	Serial No.	Description
CEE0583	864010	Grey insulating tape H=19mm L=20mt T=0,18
CEE0584	864012	Black insulating tape H=19mm L=20mt T=0,18

H=height, L=length, T=thickness in millimeters



SELF-ADHESIVE INSULATING TAPE

Coloured, self-extinguishing PVC tape

Internal Code	Serial No.	Description
CEE0585	-	Blue tape H=19mm L=25mt T=0,15
CEE0586	-	Y/G tape H=19mm L=25mt T=0,15
CEE0587	-	Brown tape H=19mm L=25mt T=0,15
CEE0588	-	Green tape H=19mm L=25mt T=0,15
CEE0589	-	Red tape H=19mm L=25mt T=0,15
CEE0590	-	Yellow tape H=19mm L=25mt T=0,15
CEE0591	-	White tape H=19mm L=25mt T=0,15

H=height, L=length, T=thickness in millimeters

WARNING TAPE

Low-visibility polyethylene tape, dim. 70mm x 200mt

Internal Code	Serial No.	Description
CEE0592	-	White/red colour tape
CEE0593	-	Black/yellow colour tape



ACCESSORIES FOR LV AND MV POWER LINES



'ENEL – ELECTRICAL CABLES' WARNING TAPE

Plasticized PVC tape, for underground use, red with black lettering

Internal Code	Serial No.	Description
CEE0594	858833	Warning tape "ENEL - ..." height 100mm x length 250mt

WARNING TAPE WITH VARIOUS MESSAGES

Plasticized PVC, for undergr. use, various colours and writing

Internal Code	Serial No.	Description
CEE0595	-	Warning tape for "Gas Pipes" h=100mm L=250mt
CEE0596	-	Warning tape for "Water Pipes" h=100mm L=250mt
CEE0597	-	Warning tape for "Teleph. cable." h=100mm L=250mt
CEE0598	-	Warning tape for "Elect. Cables" h=100mm L=250mt
CEE0599	-	Warning tape for "Sewer Pipes" h=100mm L=250mt

h=height L=length



FOLDABLE PROTECTIVE PIPE FOR UNDERGROUND USE

Foldable corrugated polyethylene pipe, low- or high-density

Internal Code	Serial No.	Description
CEE0600	295510	Pipe D=25mm L=50mt GREY
CEE0601	295511	Pipe D=32mm L=50mt GREY
CEE0602	295512	Pipe D=50mm L=50mt GREY
CEE0603	295513	Pipe D=63mm L=50mt BLACK
CEE0604	295514	Pipe D=125mm L=50mt BLACK
CEE0605	295515	Pipe D=160m L=25mt BLACK

D= pipe diameter L= total length of the roll

FOLDABLE PROTECTIVE PIPE FOR UNDERGROUND USE

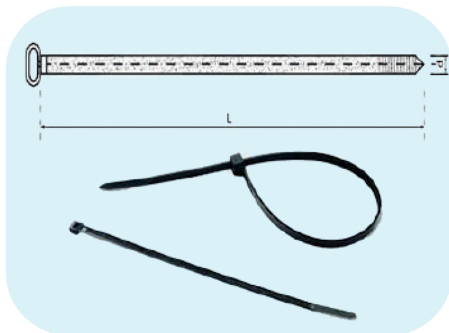
Foldable corrugated pipe in various colours and sizes

Internal Code	Serial No.	Description
CEE0606	-	Corrugated pipe for undergr. use colore: BLACK, RED, BLUE, GREEN Min.D.=40mm - Max.D.=240mm

Min.D.=minimum diameter, Max.D.=maximum diameter of the corrugated pipe



ACCESSORIES FOR LV AND MV POWER LINES



INSULATED CABLE TIES

Self-locking, made of self-extinguishing nylon, black

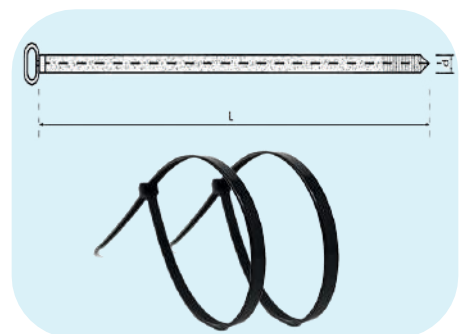
Internal Code	Serial No.	Description
CEE0607	277071	Tie L=210mm W=7,5mm
CEE0608	277072	Tie L=750mm W=7,5mm
CEE0609	-	Tie L=240mm W=7,5mm
CEE0610	-	Tie L=280mm W=7,5mm
CEE0611	-	Tie L=320mm W=7,5mm
CEE0612	-	Tie L=360mm W=7,5mm
CEE0613	-	Tie L=450mm W=7,5mm
CEE0614	-	Tie L=540mm W=7,5mm

AVAILABLE IN OTHER COLOURS ON REQUEST

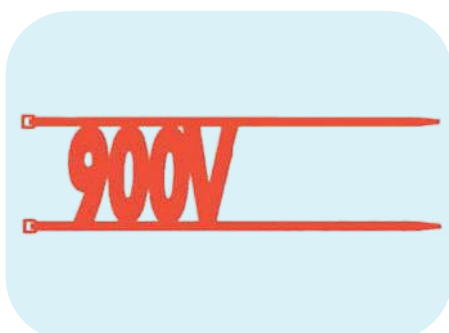
CABLE TIES

Self-locking, made of nylon, black

Internal Code	Serial No.	Description
CEE0615	-	Tie L=200 W=4,5mm
CEE0616	-	Tie L=250 W=4,5mm
CEE0617	-	Tie L=280mm W=4,5mm
CEE0618	-	Tie L=300mm W=4,5mm
CEE0619	-	Tie L=360mm W=4,5mm
CEE0620	-	Tie L=430mm W=4,5mm
CEE0621	-	Tie L=430mm W=9mm
CEE0622	-	Tie L=550mm W=9mm
CEE0623	-	Tie L=920mm W=9mm
CEE0624	-	Tie L=1220mm W=9mm
CEE0625	-	Tie L=250mm W=12,5mm
CEE0626	-	Tie L=500mm W=12,5mm
CEE0627	-	Tie L=750mm W=12,5mm



AVAILABLE IN OTHER SIZES AND COLOURS ON REQUEST

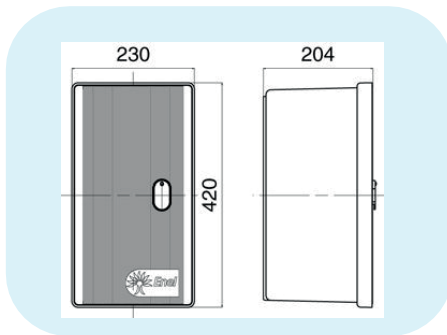


BT 900V SUPPORT IDENTIFICATION TIE

Self-locking, made of plastic, orange colour

Internal Code	Serial No.	Description
CEE0628	-	Tie length 200mm
CEE0629	858601	Tie length 780mm

FIBREGLASS ACCESSORIES

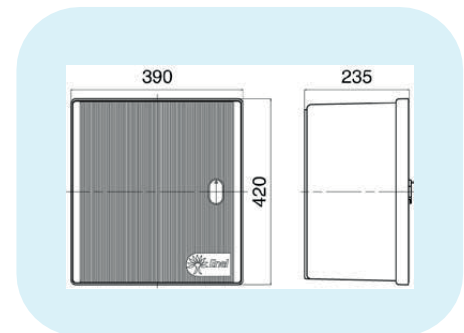


FIBREGLASS ENCLOSURE FOR METERING UNIT Single-phase type, suitable for GMI-GMY model meters

Internal code	Serial No.	Description
CEE0630	284033	Outdoor fiberglass wall-mounted enclosure for integrated single-phase metering unit, suitable for use with GMI - GMY models
CEE0631	284034	Spare part counter

FIBREGLASS ENCLOSURE FOR METERING UNIT For 2 GMI/GMY single-ph. GdM meters or 1 GTI-GTY 3-phase meters

Internal code	Serial No.	Description
CEE0632	284043	Outdoor fiberglass enclosure for wall or pole mounting for: 2 single-ph. GdM units, type GMI/GMY; or alternatively 1 three-phase GdM unit, type GTI/GTY;
CEE0633	284044	Spare part counter



FIBREGLASS ENCLOSURE FOR LV NETWORK NODES AND 230V OR 380V METERING UNITS Suitable for isolation terminal blocks and single-phase or three-phase meters



Internal code	Serial No.	Description
CEE0634	284051	Outdoor fiberglass enclosure for mounting on DS4548 base suitable for 3 single-phase GdM units, type GMI/GMY; or alternatively n.1 three-phase GdM unit, type GTI/GTY;
CEE0635	286030	Spare part counter
CEE0636	-	Fibreglass enclosure for double stacked mounting
CEE0637	-	Fibreglass enclosure for triple stacked mounting

FIBREGLASS ENCLOSURE FOR METERING UNITS For GTWS three-phase meters with a power rating exceed. 30 kW

Internal code	Serial No.	Description
CEE0638	284092	Outdoor fiberglass enclosure for for LV supplies exceeding 30kW and up to 200kW for GTWS-type metering units



All enclosures are made of self-extinguishing material, are grey in colour and comply with the relevant ENEL standardization tables.

FIBREGLASS ACCESSORIES



FIBREGLASS ENCLOSURE FOR LV SWITCH

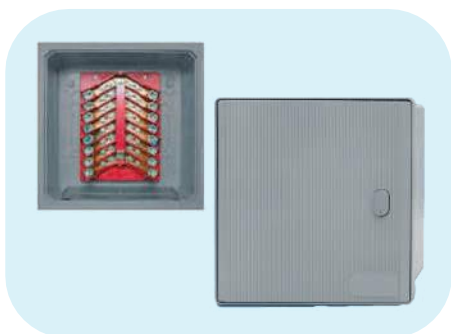
4-pole LV type (DY3101), for pole-mounted transf. substations (P.T.S.)

Internal code	Serial No.	Description
CEE0639	228042	Outdoor fibreglass enclosure for pole-mounted transformer substation (P.T.P.S.) for 1 LV circuit breaker

FIBREGLASS ENCLOSURE FOR LV SWITCH

4-pole LV type (DY3101), for pole-mounted transf. substations (P.T.S.)

Internal code	Serial No.	Description
CEE0640	228040	Outdoor fibreglass enclosure for pole-mounted transformer substation (P.T.P.S.) for 2 LV circuit breakers



FLUSH-MOUNTED FIBREGLASS ROAD ENCLOSURE

For LV cable junction boxes, dim. 50x50

Internal code	Serial No.	Description
CEE0641	286032	Recessed fibreglass enclosure designed for the installation of one junction box. type 286021

FIBREGLASS ENCLOSURE FOR TELECOMMUNICATIONS

For sectioning and termination of broadband telephone networks

Internal code	Serial No.	Description
CEE0642	-	Outdoor fibreglass cabinet suitable for telecommunications W=750mm H=1540mm D=316mm

W= width; H=height; D=depth; External overall dimensions



HYBRID FIBREGLASS MULTIFUNCTION POST

For terminations of copper distribution networks and optical terminations

Internal code	Serial No.	Description
CEE0643	-	Outdoor fibreglass multi-purpose post suitable for network terminations W=350mm H=896mm D=265mm

W= width; H=height; D=depth; External overall dimensions

A composite image showing a landscape with solar panels in the foreground, wind turbines in the middle ground, and a high-voltage power line tower on the left. The scene is set against a sunset sky with orange and blue clouds.

RENEWABLE ENERGY SECTION

ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS

With its various photovoltaic proposals, COSTRUZIONE EQUIPAGGIAMENTI ELETTRICI S.r.l. is contributing to the development of renewable energy sources.

As part of our commitment to promoting sustainable development, we have implemented various initiatives, one of which is the conversion of solar energy into electricity. This process helps to reduce emissions of carbon dioxide and other harmful substances, which has a positive impact on the entire global ecosystem.

The photovoltaic systems sector has experienced significant growth in recent years, with its applications expanding rapidly in both the industrial and residential sectors.

The company acts as a dealer for the leading European and non-European brands of the components and accessories required to construct small-, medium- and large-scale systems. The work carried out by the Technical Department is of particular importance within the company. In addition to coordinating the

design work, the department provides expert advice to customers and demonstrates a strong focus on configuration-related problem-solving. We believe it is essential to not only supply customers with the best products for constructing new systems, but also to provide them with adequate technical support.

Our mission is to foster a stable environment conducive to continuous technological innovation in the industrial sector, thereby reinforcing our position as a leader in the industry and a reliable partner for our customers.

PHOTOVOLTAIC PANELS

Made of high-efficiency monocrystalline silicon

Description

We offer a wide range of efficient and reliable monocrystalline photovoltaic modules, from 280-watt solutions to the latest available on the market. These are suitable for a variety of photovoltaic projects. Monocrystalline photovoltaic cells have a conversion efficiency of between 16% and 20% under standard test conditions (STC). The use of highly transparent glass and an anti-reflective coating ensures the modules transmit solar radiation as effectively as possible.

Our photovoltaic panels may be manufactured in or outside Europe. They strike the right balance between quality and price, and above all fully meet all the technical requirements considered during the design phase. They are also equipped with all the TÜV certifications required for ground-mounted installations and those required by current grid connection regulations.



ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS

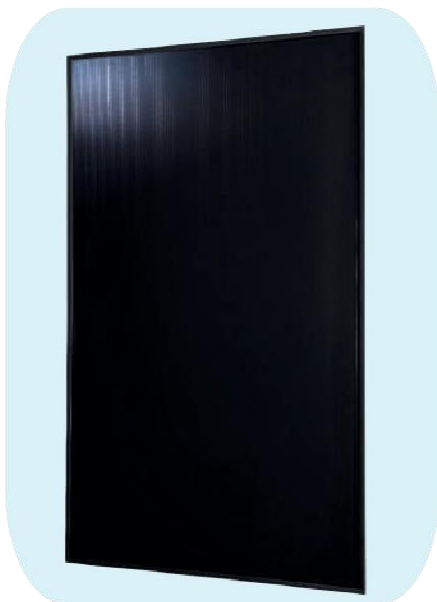
PHOTOVOLTAIC PANELS

Made of high-efficiency polycrystalline silicon

Description

We offer a wide range of efficient and reliable polycrystalline photovoltaic modules. Suitable for a variety of photovoltaic projects, our modules range from 275 watts to the latest solutions available on the market.

Polycrystalline photovoltaic cells have a conversion efficiency of between 11% and 15% under standard test conditions (STC). The use of highly transparent glass and an anti-reflective coating ensures the modules absorb as much solar radiation as possible. The photovoltaic panels on offer may be manufactured in or outside Europe. They strike the right balance between quality and price, and above all fully meet all the technical requirements taken into account during the design phase. They also hold all the TÜV certifications required for ground-mounted installations and those required by grid connection regulations.



PHOTOVOLTAIC PANELS

Made of amorphous silicon- high-efficiency thin film

Description

We offer a wide range of high-efficiency amorphous silicon and thin-film photovoltaic modules. Although the modules' power output is modest, it is nonetheless in line with the latest solutions available on the market, making them suitable for numerous large-scale photovoltaic projects. Amorphous silicon photovoltaic cells have a conversion efficiency of between 6% and 8% under standard test conditions (STC). The use of highly transparent glass and an anti-reflective coating ensures the modules absorb solar radiation as effectively as possible. The photovoltaic panels we offer may be manufactured in or outside Europe. They strike the right balance between quality and price, and above all fully meet all the technical requirements considered during the design phase. They are also equipped with all the TÜV certifications required for ground-mounted installations and those required by various grid connection regulations.



ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS

ALUMINIUM PROFILES AND STRUCTURES

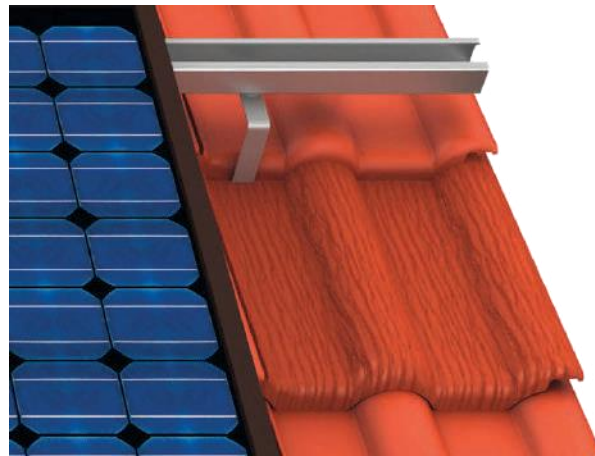
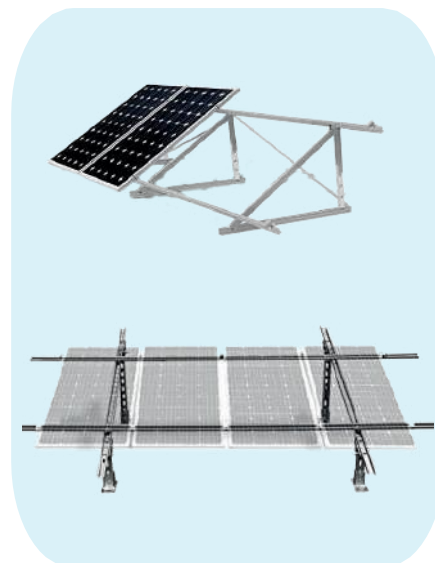
For mounting photovoltaic modules on flat or pitched roofs

Description

We offer a wide range of solutions for supporting and securing photovoltaic modules on various types of roof, as well as for ground-mounted systems.

Thanks to our extensive selection of profiles and accessories, our technical department can cater for all installation scenarios required for the various types of roofing that will house the photovoltaic system.

Send us the layout of your proposed installation and we will provide technical and commercial advice, including details of the most suitable components and profiles to help you make the best use of the available space and minimise installation time.





ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS



CONNECTORS FOR PHOTOVOLTAIC PANELS

Flying-type, for conductors with sections of 2,5÷6mm²

Internal Code	Description
CEE0644	Male flying-type connector for PV cable sec. 2,5-6mm ²
CEE0645	Female flying-type connector for PV cable sec. 2,5-6mm ²

CONNECTORS FOR PHOTOVOLTAIC PANELS

Panel-mounted type, for conductors with sec. 2,5÷6mm²

Internal Code	Description
CEE0646	Male panel-mounted connector for PV cable sec.. 2,5-6mm ²
CEE0647	Female panel-mounted connector for PV cable sec.. 2,5-6mm ²



RELEASE KEY

Suitable for disconnecting connectors

Internal Code	Description
CEE0648	Release key suitable for mutually disconnecting the flying connectors on photovoltaic panels. Pack of 2 for mutual use during operations

CONNECTORS FOR PHOTOVOLTAIC PANELS

Y flying type, for conductors with sections of 2.5–6 mm²

Internal Code	Description
CEE0649	Flying Y-connector comprising 2 male connectors and 1 female connector for PV cable with sec. 2,5-6mm ²
CEE0650	Flying Y-connector comprising 1 male connector and 2 female connectors for PV cable with sec. FTV sez. 2,5-6mm ²



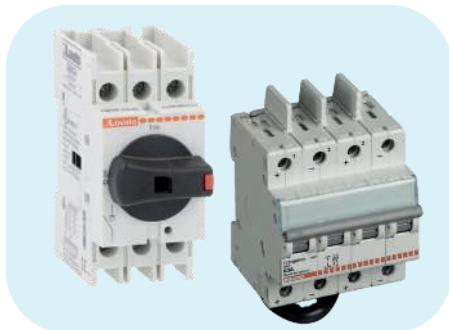
Available with a RED or BLACK sheath

SOLAR CABLE

Suitable for outdoor installation, UV-resistant

Internal code	Description
CEE0651	Cable H1Z2Z2-K sec.4mm ² - coil 100mt
CEE0652	Cable H1Z2Z2-K sec.4mm ² - reel 500mt
CEE0653	Cable H1Z2Z2-K sec.6mm ² - coil 100mt
CEE0654	Cable H1Z2Z2-K sec.6mm ² - reel 500mt
CEE0655	Cable H1Z2Z2-K sec.10mm ² - coil 100mt
CEE0656	Cable H1Z2Z2-K sec.10mm ² - reel 500mt

ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS



ISOLATING SWITCH

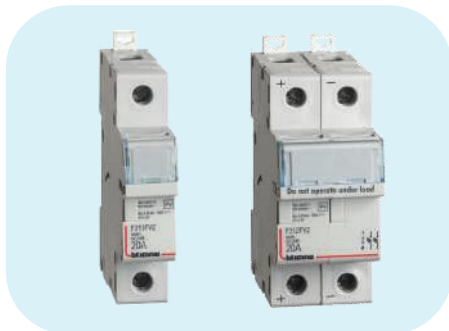
For direct current (Vdc), for photovoltaic app.

Internal Code	Description
CEE0657	Isolating switch 25A - 800Vdc
CEE0658	Isolating switch 32A - 800Vdc
CEE0659	Isolating switch 40A - 800Vdc
CEE0660	Isolating switch 63A - 800Vdc

AUTOMATIC CIRCUIT BREAKER

Thermal-magnetic type, for direct current (Vdc), 2- or 4-pole

Internal Code	Description
CEE0661	Tm. aut. circuit break. 25A-500Vdc-2 pole
CEE0662	Tm. aut.circuit break. 32A-500Vdc-2pole
CEE0663	Tm. aut.circuit break. 40A-500Vdc-2pole
CEE0664	Tm. aut.circuit break. 50A-500Vdc-2pole
CEE0665	Tm. aut.circuit break. 63A-500Vdc-2pole
CEE0666	Tm.aut.circuit break. 25A-1000Vdc-4pole
CEE0667	Tm.aut.circuit break. 32A-1000Vdc-4pole
CEE0668	Tm.aut.circuit break.40A-1000Vdc-4pole
CEE0669	Tm.aut.circuit break.50A-1000Vdc-4pole
CEE0670	Tm.aut.circuit break. 63A-1000Vdc-4pole



FUSE HOLDER

Disconnectable type, rated voltage 1000Vdc - IP20

Internal Code	Description
CEE0671	Fuse holder base sec. 1P
CEE0672	Fuse holder base sec. 2P

Suitable for fuses 10x38

FUSE WITH A RATED VOLTAGE OF 1000Vdc

Internal Code	Description
CEE0673	Fuse 10x38 - 10A / 1000Vdc
CEE0674	Fuse 10x38 - 12A / 1000Vdc
CEE0675	Fuse 10x38 - 15A / 1000Vdc
CEE0676	Fuse 10x38 - 16A / 1000Vdc
CEE0677	Fuse 10x38 - 20A / 1000Vdc



ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS



SPD SURGE ARRESTER DC, with removable cartridge IP20

Internal Code	Description
CEE0678	3-pole surge arrester (+,-,PE)600Vdc - 3din
CEE0679	3-pole surge arrester (+,-,PE) 1000Vdc-3din

Also available with a remote signalling contact

SPD SURGE ARRESTOR AC, with removable cartridge IP20

Internal Code	Description
CEE0680	Surge arrester 1P+N 230Vac
CEE0681	Surge arrester 2P 230Vac
CEE0682	Surge arrester 3P 230/400Vac
CEE0683	Surge arrester 3P+N 230/400Vac
CEE0684	Surge arrester 4P 230/400Vac

Also available with a remote signalling contact



WALL-MOUNTED SWITCHBOARDS Waterproof with protection rating IP65

Internal Code	Description
CEE0685	Switchboard IP65 -12 din modules
CEE0686	Switchboard IP65 -18 din modules
CEE0687	Switchboard IP65 - 24 din modules (12x2file)
CEE0688	Switchboard IP65 - 36 din modules (12x3file)
CEE0689	Switchboard IP65 - 36 din modules (18x2file)
CEE0690	Switchboard IP65 - 54 din modules (18x3file)
CEE0691	Switchboard IP65 - 72 din modules (18x4file)

INTERFACE PROTECTION Complies with the CEI 0-21 or CEI 0-16 standard

Internal Code	Description
CEE0692	SPI protection for single-phase/three-phase systems with or without a neutral in LV systems. Complies with the CEI 0-21 standard for LV installations
CEE0693	SPI protection for minimum and maximum voltage (dual-threshold) and minimum and maximum frequency (dual-threshold). Complies with the CEI 0-16 standard for MV installations



ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS



DC FIELD PANEL

Wired control units for string isolation and protection, IP65

Internal code	Description
CEE0694	CC panel for 2 DC inputs / 1 DC output 1 MPPT - Vmax=600Vdc - li=25A lu=25A
CEE0695	CC panel for 2 DC inputs / 1 DC output 1 MPPT - Vmax=1000Vdc - li=25A lu=25A
CEE0696	CC panel for 4 DC inputs / 1 DC output 1 MPPT - Vmax=600Vdc - li=10A lu=32A
CEE0697	CC panel for 4 DC inputs / 1 DC output 1 MPPT - Vmax=1000Vdc - li=10A lu=32A
CEE0698	CC panel for 4 DC inputs / 2 DC output 2 MPPT - Vmax=600Vdc - li=25A lu=25A
CEE0699	CC panel for 4 DC inputs / 1 DC output 2 MPPT - Vmax=1000Vdc - li=25A lu=25A

li= maximum input current; lu= maximum output current;

AVAILABLE WITH OR WITHOUT A
RELEASE SPOOL

FOR ANY DIFFERENT TECHNICAL
REQUIREMENTS, WE WILL PROVIDE A
TAILORED QUOTE

CEI 0-21 ELECTRICAL INTERFACE PANEL

For LV connection, complete with interface relay

Internal Code	Description
CEE0700	Electrical interface panel with an interface relay compliant with CEI 0-21 and Annex A70 TERNA suitable for systems ranging from 6 to 12 kWp
CEE0701	Electrical interface panel with an interface relay compliant with CEI 0-21 and Annex A70 TERNA suitable for systems ranging from 12 to 20 kWp



Should you have any specific technical requirements, we will provide a bespoke quotation for the project
THE INTERFACE PANELS CAN BE SUPPLIED COMPLETE WITH BENCH TEST REPORTS



AC ELECTRICAL PANEL

Wired control panels for AC isolation and protection, IP65

Internal Code	Description
CEE0702	AC panel for FTV Pmax=3kWp-230Vac
CEE0703	AC panel for FTV Pmax=5kWp-230Vac
CEE0704	AC panel for FTV Pmax=6kWp-230Vac
CEE0705	AC panel for FTV Pmax=10kWp-380Vac
CEE0706	AC panel for FTV Pmax=15kWp-380Vac
CEE0707	AC panel for FTV Pmax=20kWp-380Vac

Should you have any specific technical requirements, we will provide a bespoke quotation for the project

ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS

A photovoltaic inverter, also known as a DC/AC converter, is a device that can convert direct current (DC) into alternating current (AC). Photovoltaic generators supply DC, but electrical appliances require AC to connect to the electricity distribution network. The inverter also conditions and controls the generator's power output. Despite fluctuations in voltage from the photovoltaic generator, the inverter provides a constant voltage.

PHOTOVOLTAIC INVERTERS

Single-phase 230Vac DC/AC converter, IP65, 1 or 2 MPPT

Internal Code	Description
CEE0708	Fimer inverter UNO-DM-2.0-TL-Plus Q 1MPPT
CEE0709	Fimer inverter UNO-DM-3.0-TL-Plus Q 1MPPT
CEE0710	Fimer inverter UNO-DM-3.3-TL-Plus Q 2MPPT
CEE0711	Fimer inverter UNO-DM-4.0-TL-Plus Q 2MPPT
CEE0712	Fimer inverter UNO-DM-4.6-TL-Plus Q 2MPPT
CEE0713	Fimer inverter UNO-DM-5.0-TL-Plus Q 2MPPT
CEE0714	Fimer inverter UNO-DM-6.0-TL-Plus Q 2MPPT

Q= version without display, on-board Wi-Fi, integrated SPI;

AVAILABLE IN TWO VERSIONS: TLS= with on-board DC isolator; TL= without DC isolator.



PHOTOVOLTAIC INVERTERS

Single-phase 230Vac DC/AC converter, IP65, 1 or 2 MPPT

Internal Code	Description
CEE0715	Fimer inverter UNO-DM-1.2-TL-Plus 1MPPT
CEE0716	Fimer inverter UNO-DM-2.0-TL-Plus 1MPPT
CEE0717	Fimer inverter UNO-DM-3.3-TL-Plus 2MPPT
CEE0718	Fimer inverter UNO-DM-5.0-TL-Plus 2MPPT

Version with display, on-board Wi-Fi, integrated SPI; AVAILABLE IN

TWO VERSIONS: TLS= with on-board DC isolator; TL= without DC isolator.

PHOTOVOLTAIC INVERTERS

Single-phase 230Vac DC/AC converter, IP65, 1 or 2 MPPT

Internal Code	Description
CEE0719	SMA inverter Sunny Boy 1.5 1MPPT
CEE0720	SMA inverter Sunny Boy 2.0 1MPPT
CEE0721	SMA inverter Sunny Boy 2.5 1MPPT
CEE0722	SMA inverter Sunny Boy 3.0 2MPPT
CEE0723	SMA inverter Sunny Boy 4.0 2MPPT
CEE0724	SMA inverter Sunny Boy 5.0 2MPPT
CEE0725	SMA inverter Sunny Boy 6.0 2MPPT

Integrated Web Connect, on-board Wi-Fi, integrated SPI.





ACCESSORIES FOR RENEWABLE ENERGY SYSTEMS

PHOTOVOLTAIC INVERTERS

Three-phase DC/AC converter 380Vac, IP65, 1 or more MPPT

Internal Code	Description
CEE0726	Fimer inverter TRIO-5.8-TL-OUTD 1MPPT
CEE0727	Fimer inverter TRIO-7.5-TL-OUTD 2MPPT
CEE0728	Fimer inverter TRIO-8.5-TL-OUTD 2MPPT
CEE0729	Fimer inverter PVI-10.0-TL-OUTD 2MPPT
CEE0730	Fimer inverter PVI-12.5-TL-OUTD 2MPPT
CEE0731	Fimer inverter TRIO-20.0-TL-OUTD 2MPPT
CEE0732	Fimer inverter TRIO-27.0-TL-OUTD 2MPPT
CEE0733	Fimer inverter TRIO-TM-50.0-400 2MPPT
CEE0734	Fimer inverter TRIO-TM-60.0-480 2MPPT
CEE0735	Fimer inverter PVS-100-TL 6MPPT
CEE0736	Fimer inverter PVS-120-TL 6MPPT
CEE0737	Fimer inverter PVS-175-TL 12MPPT



Integrated SPI; Available in two versions: TLS= with on-board DC isolator; TL= without DC isolator.



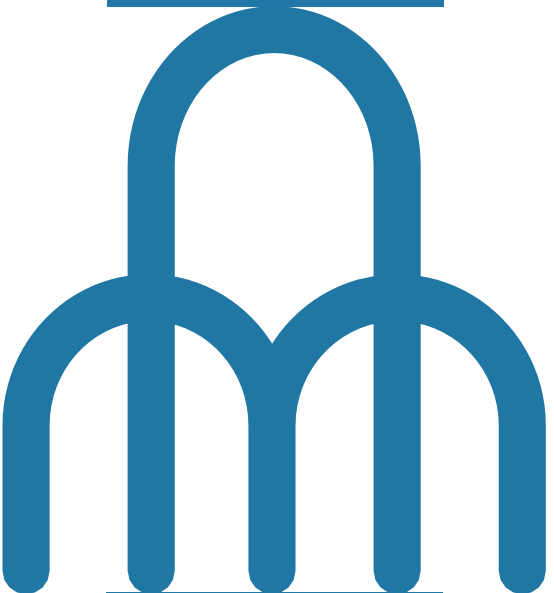
PHOTOVOLTAIC INVERTERS

Three-phase DC/AC converter 380Vac, IP65, 1 or more MPPT

Internal Code	Description
CEE0738	SMA Sunny Tripower 3.0 2MPPT
CEE0739	SMA Sunny Tripower 4.0 2MPPT
CEE0740	SMA Sunny Tripower 5.0 2MPPT
CEE0741	SMA Sunny Tripower 6.0 2MPPT
CEE0742	SMA Sunny Tripower 8.0 2MPPT
CEE0743	SMA Sunny Tripower 10.0 2MPPT
CEE0744	SMA Sunny Tripower 15000TL 2MPPT
CEE0745	SMA Sunny Tripower 20000TL 2MPPT
CEE0746	SMA Sunny Tripower 25000TL 2MPPT
CEE0747	SMA Tripower CORE 1 - 50kWp 6MPPT
CEE0748	SMA Tripower CORE 2 - 110kWp 1MPPT
CEE0749	SMA Sunny HIGHPOWER 100-20 1MPPT
CEE0750	SMA Sunny HIGHPOWER 150-20 1MPPT

Integrated Web Connect, on-board Wi-Fi, integrated SPI.

FOR FURTHER DETAILS AND SPECIFIC REQUIREMENTS, PLEASE CONTACT OUR TECH. DEPT.



**COSTRUZIONE
EQUIPAGGIAMENTI
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