

PPF

POGLIANOBUSBAR

POGLIANO FACTORY in MONCALIERI (TORINO)



POGLIANO

Company Profile

POGLIANO BUSBAR - ITALY

- ✓ **Started in 1910**
- ✓ **First busbar produced in 1942**
- ✓ **First in Europe**
- ✓ **In FIAT/ Ferrari / Maserati**
- ✓ **75 years in busduct manufacturing**
- ✓ **Presence in all over the world**
- ✓ **Sold more than 40,000 km of busbar (more than that of earth's circumference)**

POGLIANO Production Facilities

Our production is realized in the following facilities

**POGLIANO BUSBAR SRL located in
MONCALIERI (TORINO) – ITALY**

5000 m2 building, composed of manufacturing department and offices.

**COMES SRL located in
MONCALVO (ASTI) – ITALY**

1500 m2 building, composed of manufacturing department and offices.

POGLIANO STAFF

POGLIANO actually has about 100 employees:

- **The President and Chairman of Board of Directors**
- **General Directors - 2**
- **20 office staff**
- **51 specialized workers in manufacturing**
- **25-30 temporary workers**

ORGANIZATION STRUCTURE

- **Head Office**
- **Office of General Services**
- **Commercial Office**
- **Technical Office**
- **Purchasing Office**
- **Quality Assurance Department**
- **Production**

Turnover

- **2016: EUR 13,6 mln**
- **2017: EUR 12,4 mln**
- **2018: EUR 14,9 mln**
- **2019: EUR 18,5 mln**

International share of sales

- 2007: 23%
- 2008: 17%
- 2009: 30%
- 2010: 45%
- 2011: 43%
- 2012: 40%
- 2013: 45%
- 2014: 48%
- 2015: 52%
- 2016: 51%
- 2017: 52%
- 2018: 55%
- 2019: 55%

National and Worldwide Sales Network

Click on the following link:

<http://www.poglianobusbar.com/en/sales-network/>

POGLIANO BUSBAR COMPANY CONFORMITY CERTIFICATES



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQ/ICIM SPA has issued an IQNet recognized certificate that the organization:

Pogliano BusBar S.r.l.

Via Fernando Santi, 25 - I-10024 Moncalieri (TO)

has implemented and maintains a

Quality Management System

for the following scope:

Design and manufacturing of electrical bus-bar for civil and industrial use.

which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: **2018-05-16**
 First issued on: **2008-07-15**
 Expires on: **2020-07-15**

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document.

Registration Number: **IT-71105**



Alex Stoichitoiu
President of IQNET



Ing. Claudio Provetti
President of CISQ

IQNet Partners*:
 AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CIBQ Italy
 CQC China CQM China CQS Czech Republic Cst Cert Croatia DQS Holding GmbH Germany FCAV Brazil
 FONDONORMA Portugal ICONTEC Colombia Inspira Switzerland Iy Padova INTECO Costa Rica
 IRAM Argentina IJA Japan KIPQ Korea MITEC Greece MSET Hungary Nemko AS Norway NSAI Ireland
 NYCE-SIGE Mexico PCBC Poland Quality Austria Austria RIR Russia SRI Israel SRI Slovenia
 SIRIM QAS International Malaysia SQS Switzerland SRAC Slovakia TEST St Petersburg Austria TSE Turkey YUQS Serbia
 IQNet is represented in the USA by: AFNOR Certification, CIBQ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

Il presente documento risulta a sufficienza il certificato di per numero annuncio n. 5810/2



CISQ is a member of



THE INTERNATIONAL CERTIFICATION NETWORK
www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world.
IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

CERTIFICATO n. **5810/2**
 CERTIFICATE No. _____

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
 WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

Pogliano BusBar S.r.l.

UNITÀ OPERATIVE / OPERATIVE UNITS

Via Fernando Santi, 25 - 10024 Moncalieri (TO)
 Italia

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 9001:2015

Sistema di Gestione per la Qualità / Quality Management System

PER LE SEGUENTI ATTIVITÀ / FOR THE FOLLOWING ACTIVITIES

EA: 19

Progettazione e fabbricazione di condotti sbarra per uso civile e industriale.
 Design and manufacturing of electrical bus-bar for civil and industrial use.

Riferirsi alla documentazione del Sistema di Gestione per la Qualità aziendale per l'applicabilità dei requisiti della norma d'implementazione.
 Refer to the documentation of the Quality Management System for details of application to relevance standard requirements.

Il presente certificato è soggetto di rispetto del documento ICIM "Regolamento per la certificazione dei sistemi di gestione" e al relativo Schema specifico.
 This use and the validity of this certificate shall satisfy the requirements of the ICIM document "Rules for the certification of company management systems" and specific Scheme.

Per informazioni puntuali e aggiornate circa eventuali variazioni intervenute nello stato della certificazione di cui al presente certificato,
 al proprio contatto telefonico +39 02 725341 o indirizzo e-mail info@icim.it.

For timely and updated information about any changes in the certification status referred to in this certificate,
 please contact the number +39 02 725341 or email address info@icim.it.

| | | |
|---|---|---|
| Data emissione First issue 15/07/2008 | Emissione corrente Current issue 16/05/2018 | Data di scadenza Expiring date 15/07/2020 |
|---|---|---|



ICIM S.p.A.
Piazza Don Enrico Meppa, 75 - 20099 Sesto San Giovanni (MI)
www.icim.it



ACCREDIA
SISTEMI DI ACCREDITAMENTO



FEDERAZIONE
CISQ

Pogliano Busbar Range

➤ **BX-E (1000A - 6300A)**

[BX-E Compact Range Catalogue](#)

➤ **BX-R (1000A - 6300A)**

[BX-R \(Resin\) & BX-F \(Fire Resistant\)
Catalogue](#)

➤ **BX-F (1000A - 6300A)**

➤ **BS (250A - 900A)**

[Blindosbarra / Medium currents, 250 A to
1000 A. IP55 Catalogue](#)

➤ **MB (63A - 160A)**

[Miniblando / Small currents 63, 100 & 160 A
Catalogue](#)

➤ **BT-E (100A - 200A)**

[Crane & Mobile Loads Catalogue](#)

➤ **BLP (25A - 40A)**

[Lighting System 25/40A Catalogue](#)

Pogliano Busbar Range - Main Characteristics

- Having ranges from 25A – 6300A
- Class F insulation
- IP 55, 65 and 68
- Tested in LOVAG
- **LOVAG accredited factory test facility**
- Fire rated Busbars
- Busbar Joints silver plate

Pogliano Busbar Range - Main Characteristics

➤ **Insulation**

Two layers of polyester film (class F -155 deg C)

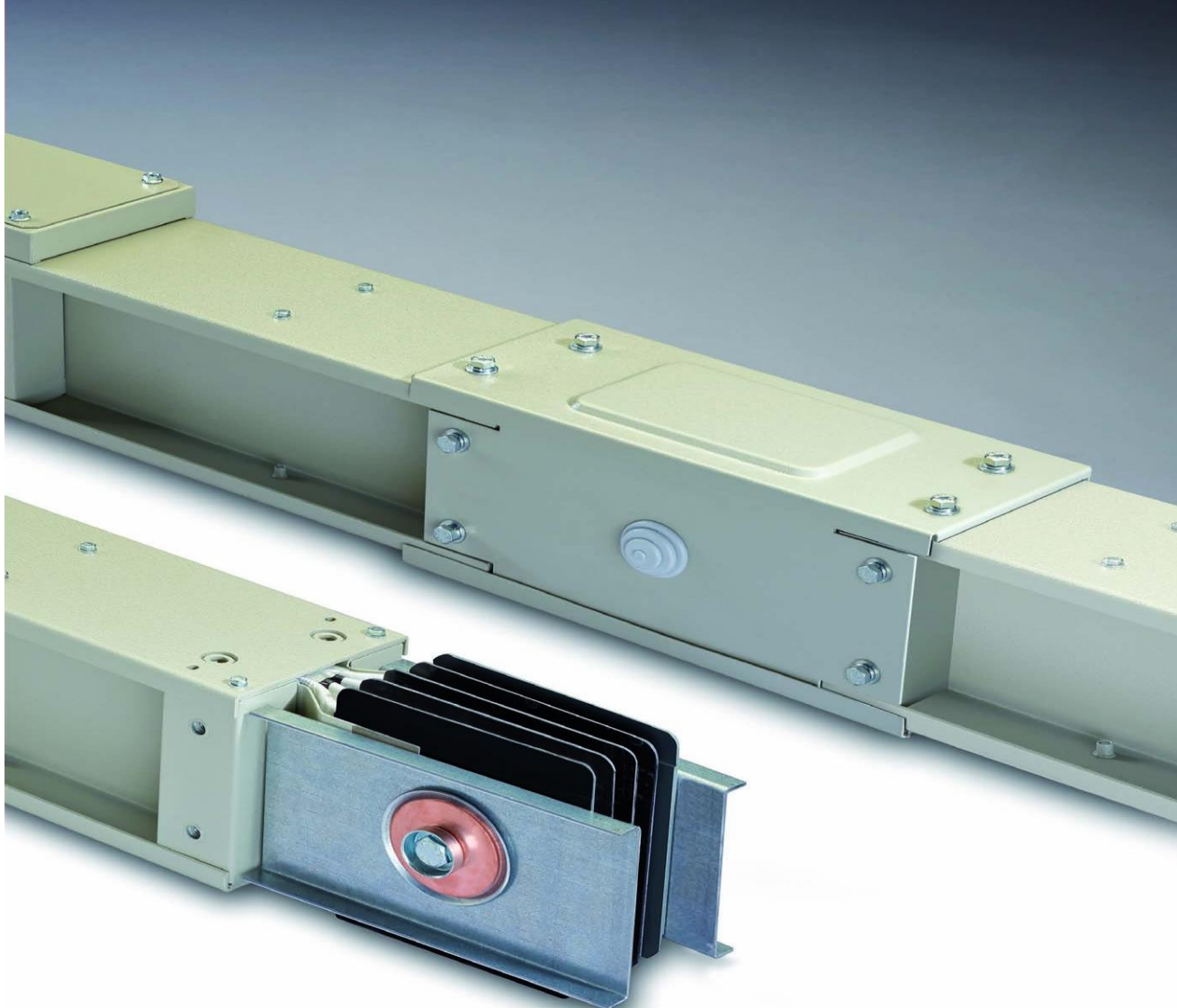
➤ **Casing**

1.5 mm thick zinc plated steel or thick aluminium

➤ **Housing**

Painted RAL 7032 as standard, other RALs by request

BX-E Compact Busbar



Complies to international and domestic standards:

CEI EN 61439-6, EN 61439-6, IEC 61439-6 and all national standards deriving from them.

Rated current from 800 up to 6300 A 3P+N+PE.

Feeder or plug-in lines with horizontal or vertical sections, straight or bent.

Available versions see next slide.

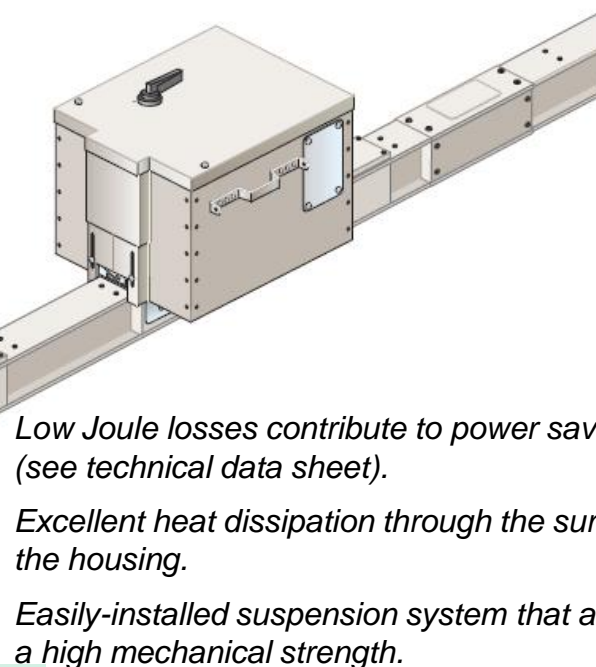
Very compact size, high short-circuit strength, low impedance, low voltage drop and good corrosion strength make BX-E system suitable for installation in small spaces and difficult environments.

Voltage up to 1000V at frequencies of 50/60 HZ

Painted RAL 7032 steel housing thickness: 1.5 mm.

Busbars: pure electrolytic copper (99.9%) or aluminium busbars, zinc-plated, copper-plated and tin-plated throughout their length.

Speedy and easy installation, also thanks to the monobloc joint with double head bolt (60 Nm).



Low Joule losses contribute to power savings (see technical data sheet).

Excellent heat dissipation through the surface of the housing.

Easily-installed suspension system that assures a high mechanical strength.

IP 55 protection degree (EN 60529). IP 65 on request.

Each bar is wrapped with an F-class (155°) polyester tape.

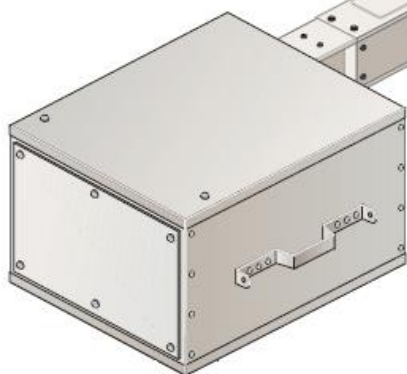
In the plug-in version the three meter sections have tap-off outlets on both narrow sides (137 mm).

Tap-off units with switch and fuses or MCCB's.

Any section can be taken out without moving the adjacent ones.

At any moment it is possible to modify the path of the run, which makes BX-E a very flexible

BX-E Compact Busbar Features



The busbars are assembled sandwich-type with no supports.

This configuration minimizes reactance.

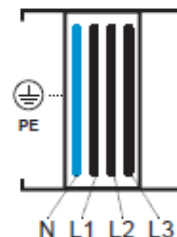
Thanks to abundant phase cross sections, resistance is also very low.

The BX-E is, consequently, a low-impedance system.

BX-E Available Versions

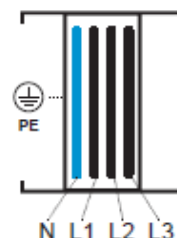
A PAINTED STEEL HOUSING (RAL 7032) **3P + N + PE (4P)**

Neutral cross-section equal to 100% of the phase cross-section.



L PAINTED ALUMINIUM HOUSING (RAL 7032) **3P + N + PE (4P)**

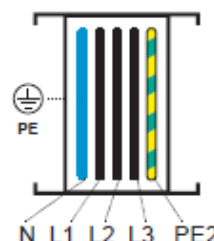
Neutral cross-section equal to 100% of the phase cross-section.



F PAINTED STEEL HOUSING (RAL 7032) **3P + N + PE2 + PE (5P)**

Neutral cross-section equal to 100% of the phase cross-section.

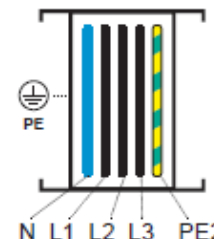
Cross-section to 100% of the PE2



O PAINTED ALUMINIUM HOUSING (RAL 7032) **3P + N + PE2 + PE (5P)**

Neutral cross-section equal to 100% of the phase cross-section.

Cross-section to 100% of the PE2



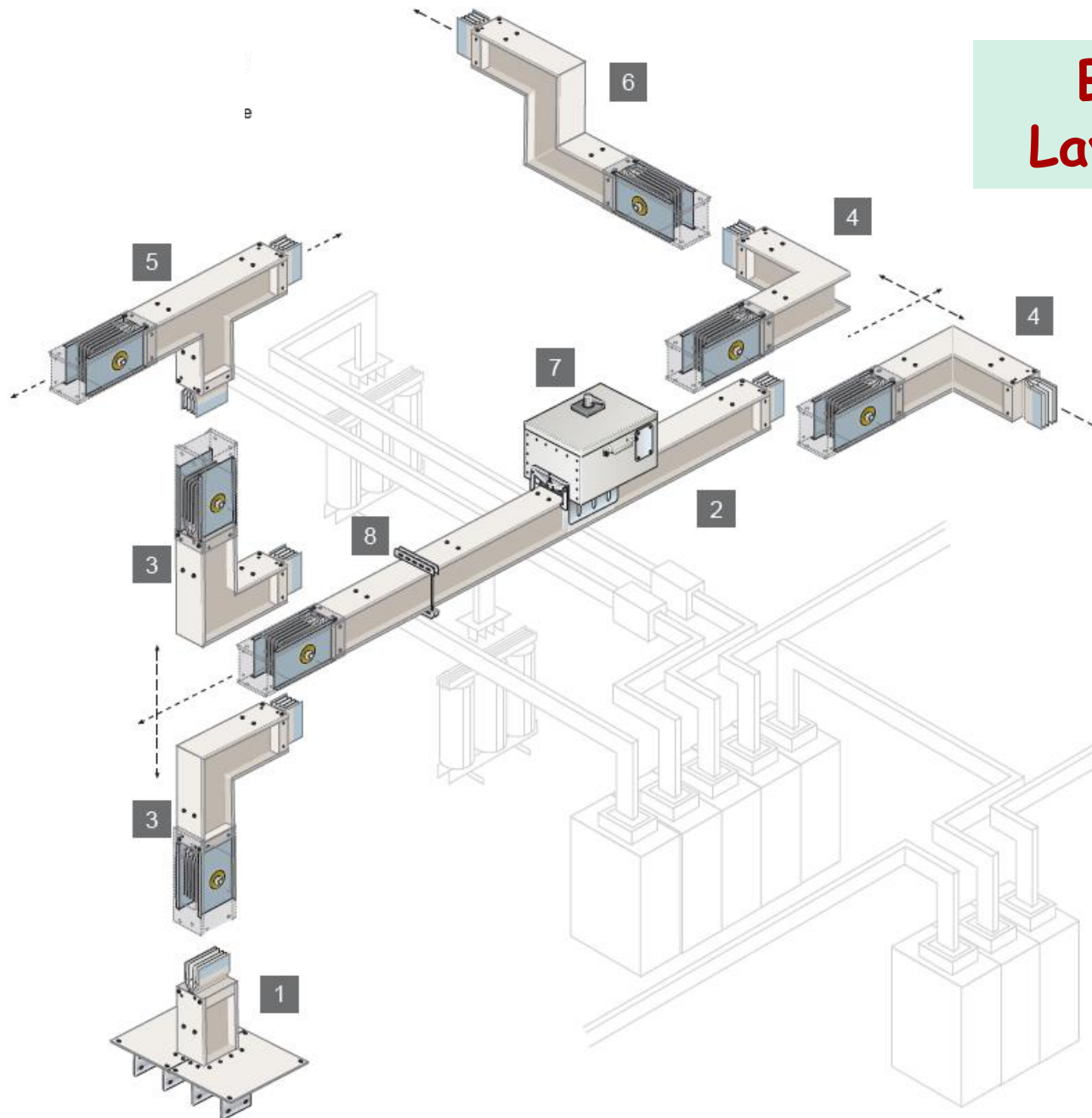
Also available the following versions:

- 3P + PE (3P)
- 3P + 2N + PE (5P)
- 3P + N + PE + 1/2 PE

with bars in copper or aluminium.

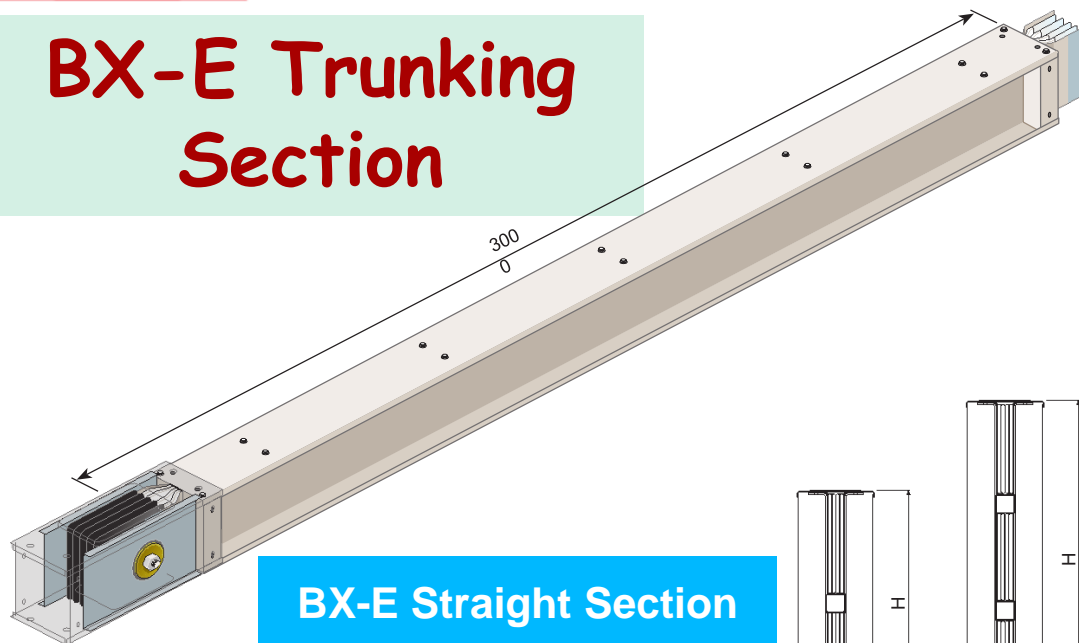
Consult our technical department.

BX-E Installation Layout & Components



1. *Terminal element*
2. *Straight section*
3. *Flatwise elbow*
4. *Edgewise elbow*
5. *T section*
6. *Special elbow*
7. *Tap-off plug*
8. *Standard hanger*

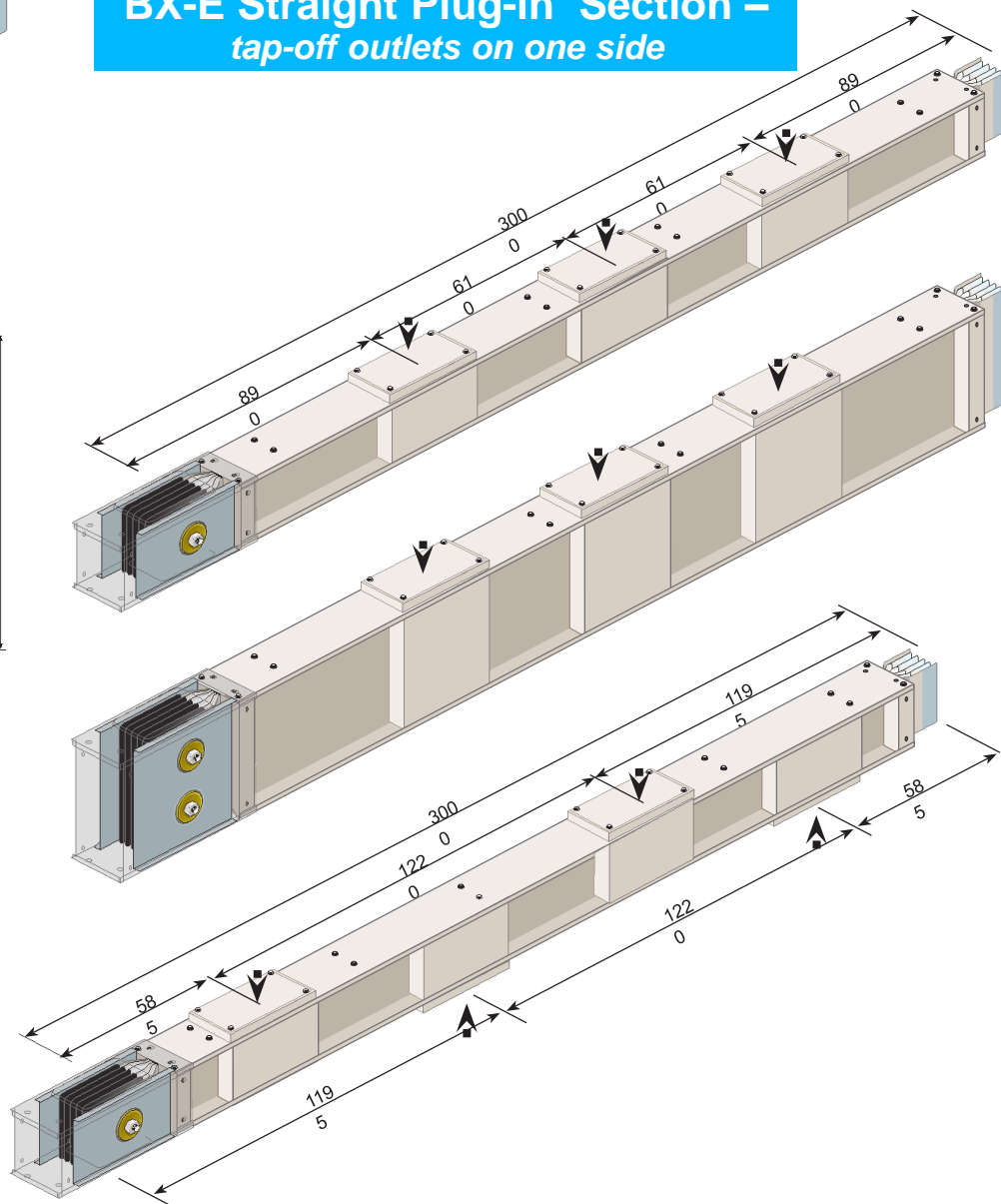
BX-E Trunking Section



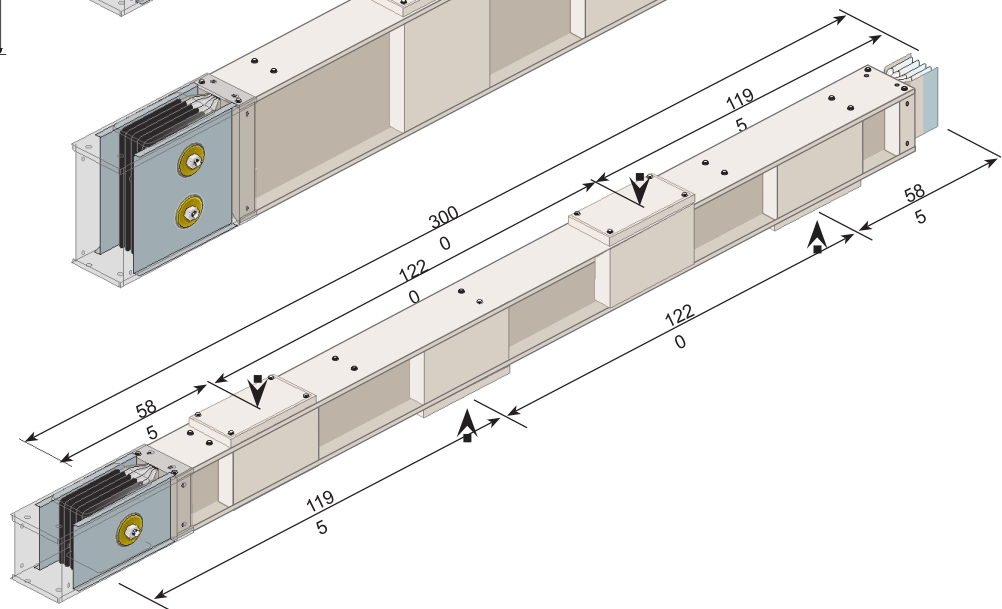
BX-E Straight Section

BX-E Firebarrier

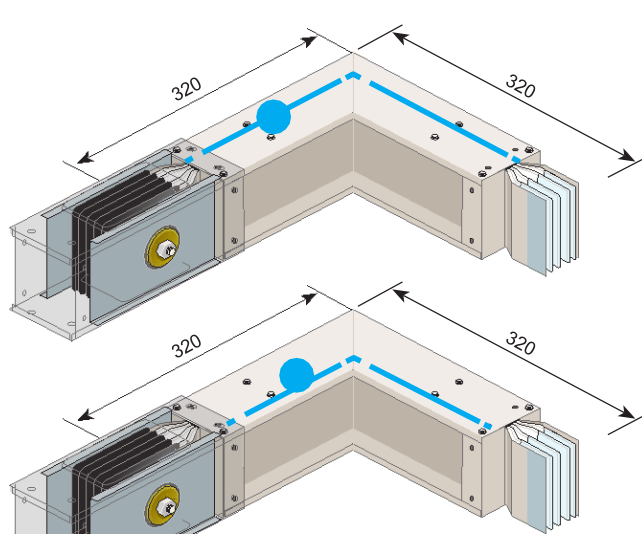
BX-E Straight Plug-in Section – tap-off outlets on one side



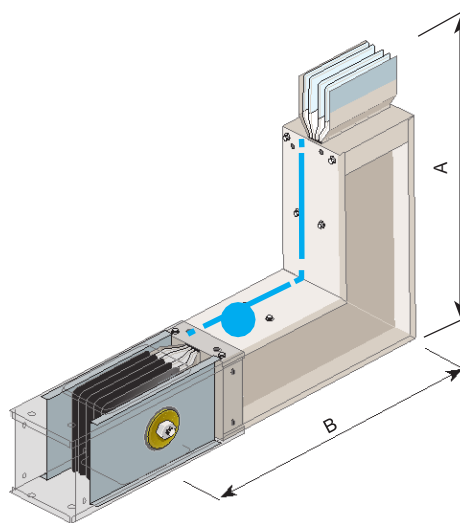
BX-E Straight Plug-in Section – tap-off outlets on two sides



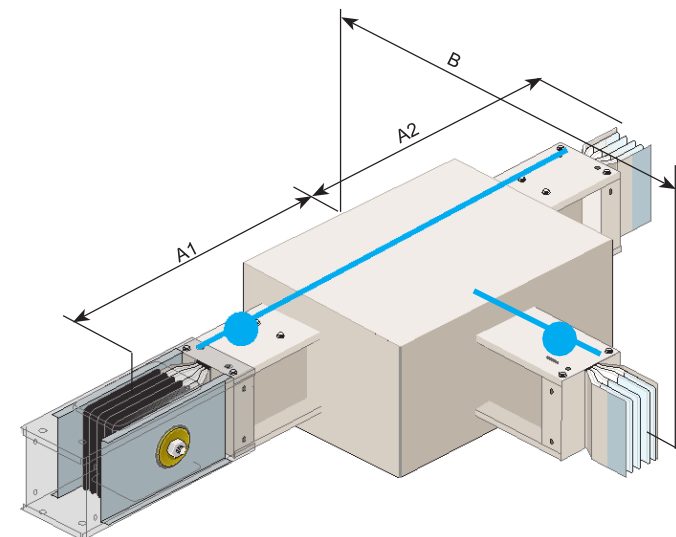
BX-E Elbows



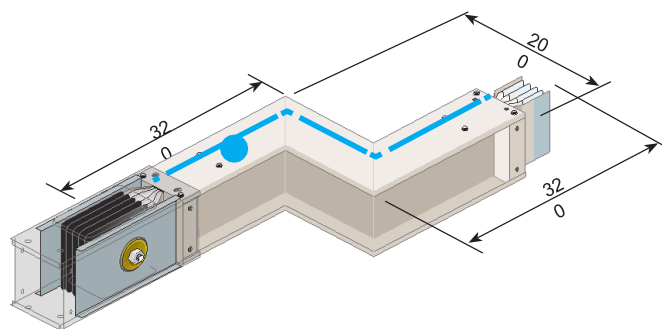
Edgewise Elbows



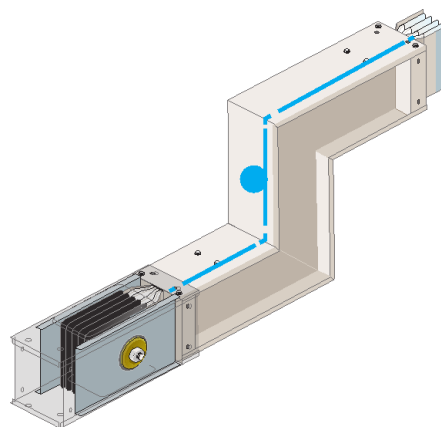
Flatwise Elbow



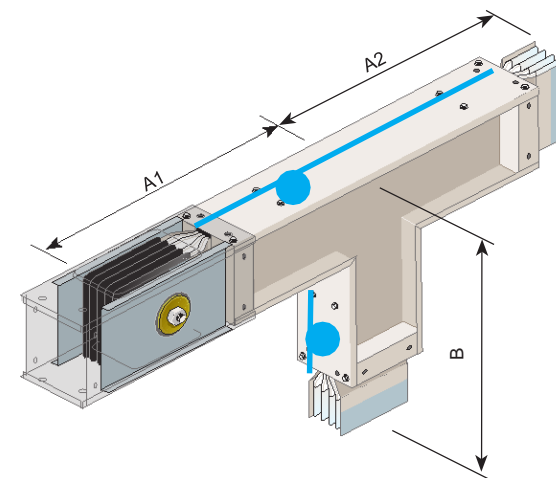
Edgewise T



Double Edgewise

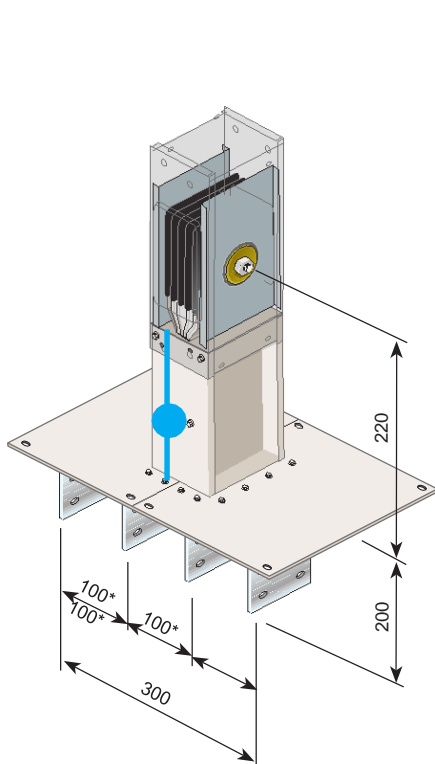


Double Flatwise

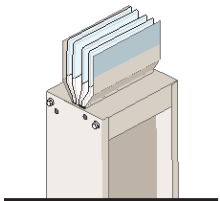


Flatwise T

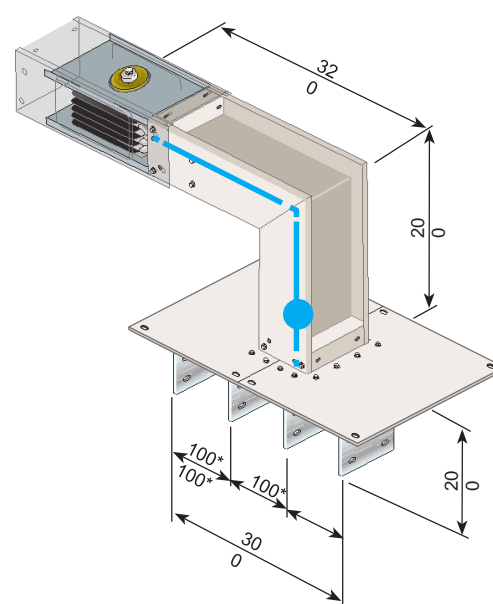
Terminal Elements for Connection to Transformers, Switchboards or Gensets



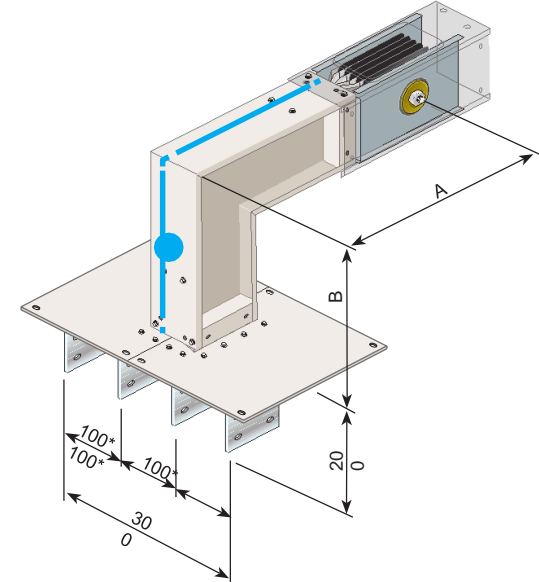
With Joint



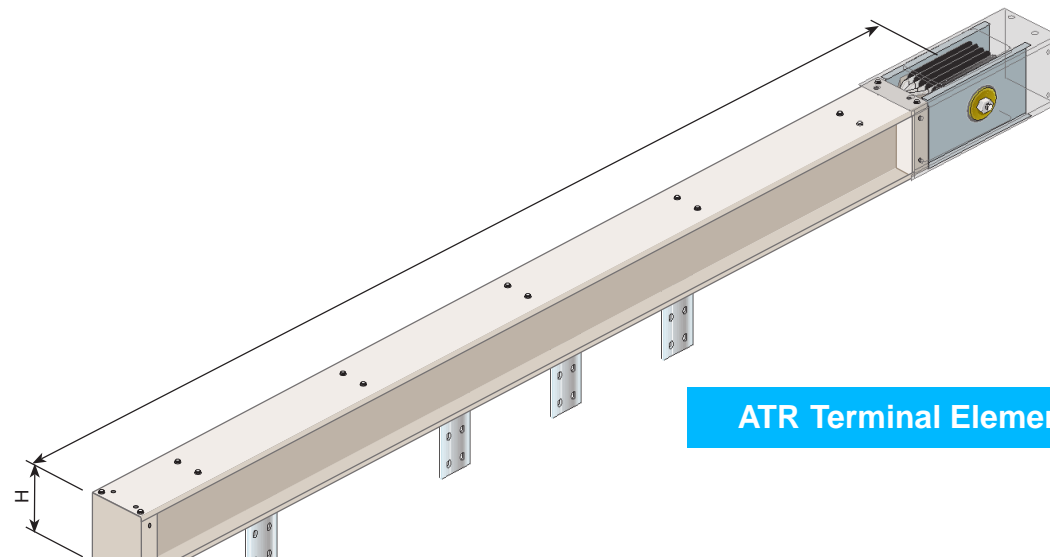
Without Joint



Terminal Element + Edgewise Elbow

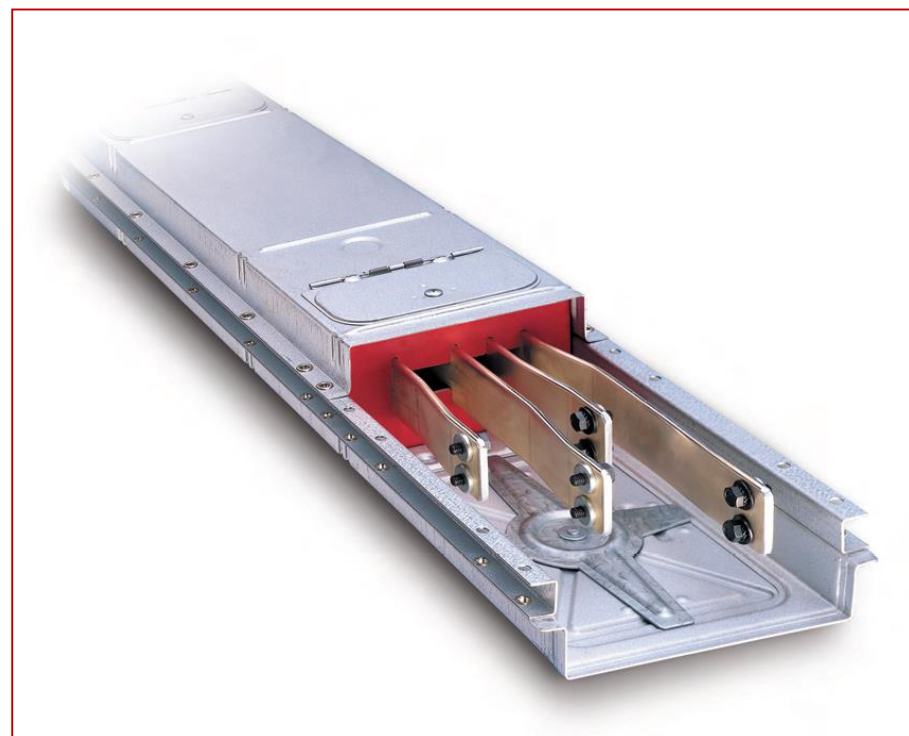


Terminal Element + Flatwise Elbow



ATR Terminal Element

BS - BLINDOSBARRA



BS - BLINDOSBARRA

- Complies to international and domestic standards:
- EN 60439-1, EN 60439-2, IEC 439-1 and 439-2 and all national standards deriving from them
- Rated current from 250 up to 1000 A. Feeder or plug-in lines with horizontal or vertical sections, straight or bent.
- Voltage up to 1000V at frequencies of 50/60 HZ
- Zinc-plated steel housing (EN 10142) with a thickness of 10/10 mm
- IP55 protection degree (EN 60529) with no added accessories
- Busbars in pure electrolytic copper (99.9%) or aluminium AD 14 busbars, zinc-plated, copperplated and tin-plated throughout their length
- The housing is the protective conductor (PE) of the system. Additional earth available on request
- Suitable for rising mains with firebarriers (standard DIN 4102-9)
- Tap-off outlets from 30A to 630A.
- Hangers that support the whole housing and supply several hooking spots for the suspension of the line
- Very simple and effective brackets with high carrying capacity.
- Accessories that fit in with the other electrical devices of an electrical system

POGLIANO BUSBAR Products Certifications

BX-E & BS

Comply to the provisions of the EU directive:

N° 2006/95/CE

Directive of European Parliament and of member States relating to electrical equipment.

The harmonized standards listed below have been applied:

CEI EN 61439-1

Low-voltage switchgear and controlgear assemblies

Part 1: General rules

CEI EN 61439-6

Low-voltage switchgear and controlgear assemblies

Part 6: Busbar trunking systems (busways)

CEI EN 60529

Degree of protection provided by enclosures (IP code)

POGLIANO REGISTERED LABORATORY



LOVAG

LOW VOLTAGE AGREEMENT GROUP

CONFIRMATION AS REGISTERED LABORATORY

according to ISO/IEC 17025

The LOVAG Management Committee has approved

POGLIANO BUSBAR Laboratory
in 10024 Moncalieri (TO) - ITALY

as
LOVAG Registered Laboratory
Under the registration code: IP 01

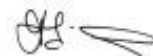
This certifies that all the requirements for testing in compliance with ISO/IEC 17025 and the LOVAG Agreement and LOVAG Rules have been fulfilled.

LOVAG Test Reports produced by this Laboratory must be used for the issue of LOVAG Certificates and Licences for the LOVAG Mark in compliance to the LOVAG rules.

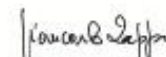
The reference certification body is:

ACAE, 24123 Bergamo (BG) - ITALY
being a member of LOVAG

Issue date: 27th June 2017



Marie-Elisabeth d'Ornano
Chairman of LOVAG
ASEFA, France



Giancarlo Zappa
Secretary to LOVAG
Germany

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Chairman:
Marie-Elisabeth d'Ornano

Technical Committee Chairman:
Giancarlo Zappa

Secretary:
Giancarlo Zappa

www.lovag.net

POGLIANO References - ITALY



POGLIANO References - ITALY



We're present in

- **Most of Europe**
- **In Russia**
- **In the Gulf Area**
- **In North Africa**
- **In the Near and Middle East**
- **In Central Africa, Kenya, Angola and Nigeria**
- **In Brazil, Argentina, Peru and Chile**
- **In Bangladesh and Pakistan**

Main applications 1/2

- **Automotive**
- **Textile**
- **Mechanical**
- **Electronics**
- **Food industry**
- **Commercial centers**
- **High-rise buildings**

Main applications 2/2

- **Hospitals**
- **De-salination plants**
- **Port facilities**
- **Airports**
- **Military**
- **Tiles**
- **Tires**

References Worldwide



Ministry Of Defence



IWP Muscat

Life Line Hospital Muscat



References Worldwide



Typhoon facility



Center Projects, recently commissioned
Khazna Data center, Dubai



Vita Nova
REAL ESTATE BROKER

References Worldwide



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Thank You !!!