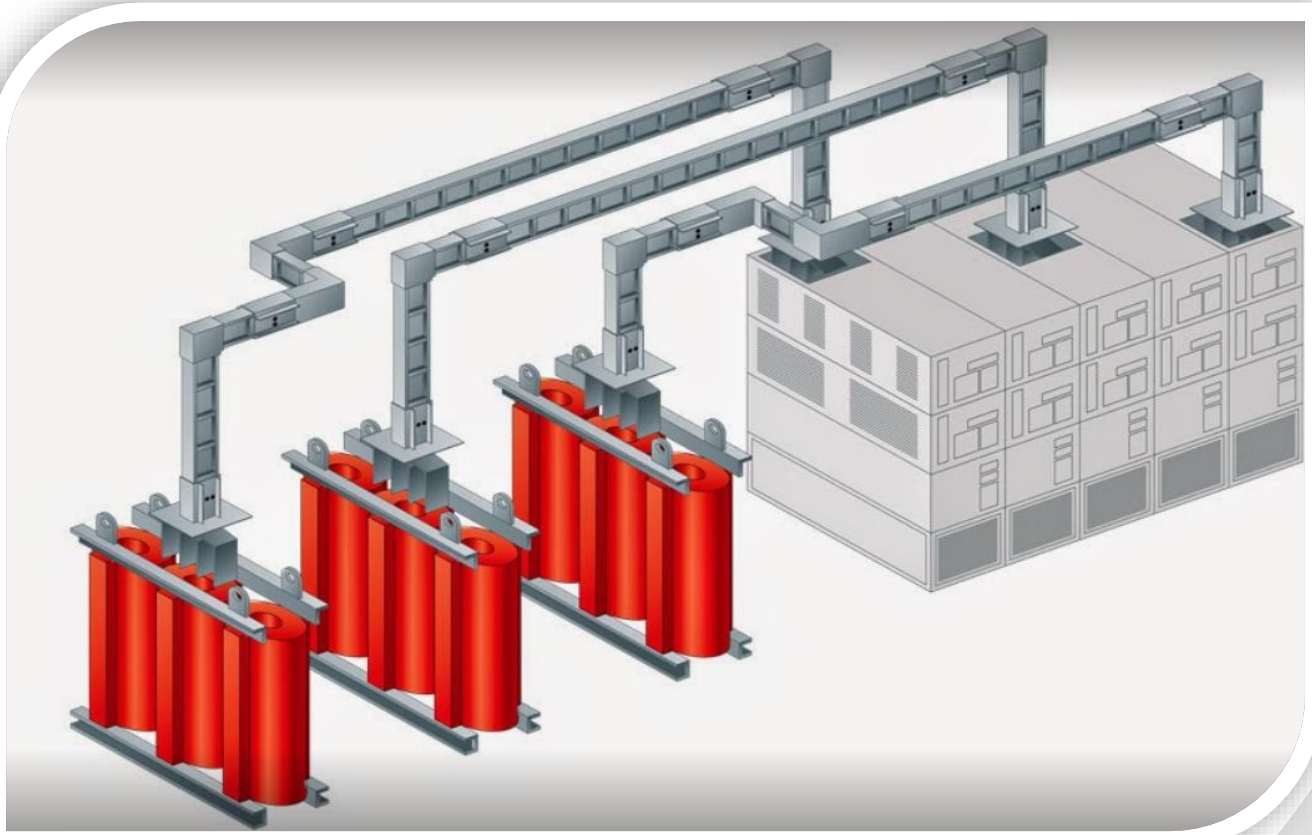


NAXSO

BUSBAR TRUNKING SYSTEM



BUSBAR TRUNKING SYSTEMS

25A – 6300A

Factsheet

- ✓ Corporate Name: Naxso S.r.l
- ✓ Nature of Business: Manufacturer
- ✓ Year of Standup: 1985
- ✓ Core Team: 15
- ✓ Experience: 35+ years
- ✓ Range: 25A-6300A
- ✓ Testing: IP 45 – IP 68
- ✓ Global Agencies: 30
- ✓ Global Distributers: 25
- ✓ International Projects/Year: 140+

Product Overview



99.9% Purity, ETP Grade, Conductivity > 100% IACS Copper Conductors.

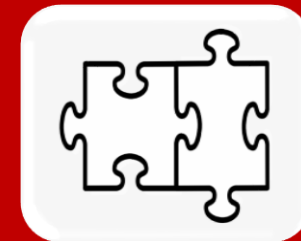
99.5% purity EC Grade, Conductivity 59.5% IACS Aluminum Conductors



UL F- Rated
(Class H on request)
Excellent phase-to phase and phase-to-ground separation
Enhanced short circuit Ratings

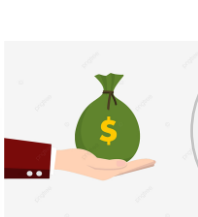


Aluminum Enclosure with RAL 7035 epoxy coated



Simple Monoblock joint with Belleville washers, insulated high tension bolts with shear off nuts for easy installation

Why Busbar Trunking is the Smartest Solution



Low installation cost and minimal maintenance



Compact & Modular structure

Lower Voltage drop than cable



Excellent heat dissipation



No Electromagnetic interference on Data System



No fire, No flame, No Poison

Applications of Busbar Trunking

Shopping Malls

- As Feeder between transformers to Main Distribution Panel boards
- As distribution of energy for vertical and horizontal applications
- As Feeder of lighting fixtures

Hospitals

- As Feeder between transformers to Main Distribution Panel boards
- As distribution of energy for vertical and horizontal applications

Textile Factories

- As Feeder to Textile machines
- As Feeder of lighting fixtures



Applications of Busbar Trunking

High Rise Buildings

- As Feeder between transformers to Main Distribution Panel boards
- As distribution of energy to the floors for vertical applications
- As feeder to equipments and panels at horizontal lines
- As under floor busways for distribution of energy in office floors



Industrial Plants & Hotels

- As Feeder between transformers to Main Distribution Panel boards
- As distribution of energy to the floors by vertical application
- As Feeder to production lines



WHO ARE WE?



- **Naxso** is a Manufacturer of **Premium Busbar Trunking** Systems.
- **Naxso** is regarded as a world class installer of BBT for several years in Europe and Far East. Previous experience as a switchboard manufacturer has given the team at Naxso a complete exposure on how to manage Busbar Trunking Systems Technology.
- **Naxso** BBT has a sleek & modern design with easily installable products and with minimum number of predefined procedures to install the BBT even if the Installation site is very complex and has multiple runs of BBT.
- Main technical advantage that **Naxso** has is the use of Extruded Aluminium as housing and special Aluminum alloy as conductors

HISTORY

- **Naxso** was founded in 1982.

The mother company back in the days manufactured only underfloor Bus trunking systems and catered to electrical, industrial and civil installations. The market boomed for underfloor busways and the product was of great success in the European markets. However, lighting and critical power distribution systems were also the need of the hour and hence, in **1982**, **NAXSO** decided to separate the underfloor system production from the critical power distribution segment.

In **1992 Naxso (new name)** separated from its mother company. Some skilled employees at that time, decided to work for **Naxso** to increase the quality of the production. This resulted in a world class product, the tag which it still carries to this day.

Between **1992** and **1998** Naxso acquired some companies to upgrade its overall technology and production capabilities. After several years of experience in the electrical power distribution segment, Naxso developed to innovate a new line of Busbar Trunking based on aluminum (conductor and housing). In **1997** Naxso had an important extension of its products. At the Intel exhibition in Milan, Naxsolux was finally launched. **Naxsolux system** has a special use for lighting power and distribution for small consumption.

In October 2001, the success of **Naxsolux** (Lighting Series BBT) system led to development of the product range with **Naxsopower** (Critical Power Distribution BBT Series), and **Naxsocompact system** (Sandwich type BBT Series). These systems are designed, and type tested to carry and distribute electrical power **from 40 Amps to 5000Amps.**

Naxso has its manufacturing facilities in **Turin**, in Triom and Siprant firms, a lot of components are manufactured by a certain small firms which work for Naxso as sub suppliers. These suppliers manufacture in accordance with Naxso's standards and project requirements, and they use Naxso's cutting edge technology like the molds and machinery.

The Italian market is supported by over twenty agencies which is spread across the country with six district stores which can furnish all kinds of solutions directly.

In the early 90's we were an installation company. We managed to perform thousands of industrial and civil installations. After starting over with **Naxso** we inherited a huge legacy from our past experiences in terms of the product we precisely wanted to manufacture.

It should have primarily been:



ACCESSIBLE



USER FRIENDLY



FORERUNNERS OF A NEW STANDARD



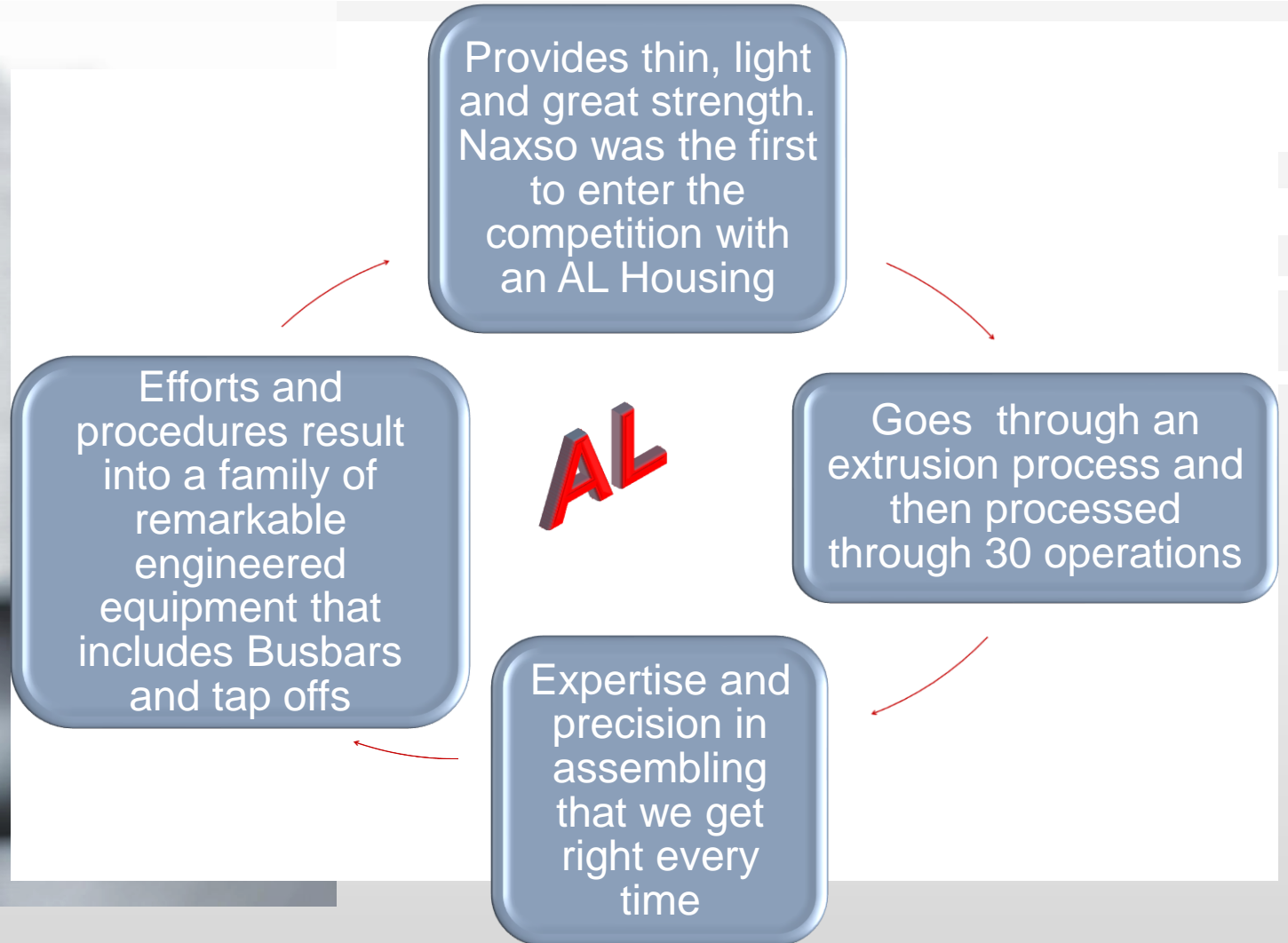
Traditional bus bars were made by assembling several parts, but when you assemble several parts, you face size & weight constraints which in turn increase the chances of product failure.

A huge breakthrough with **Naxso** bus bars was to replace all those parts with just an extruded one.

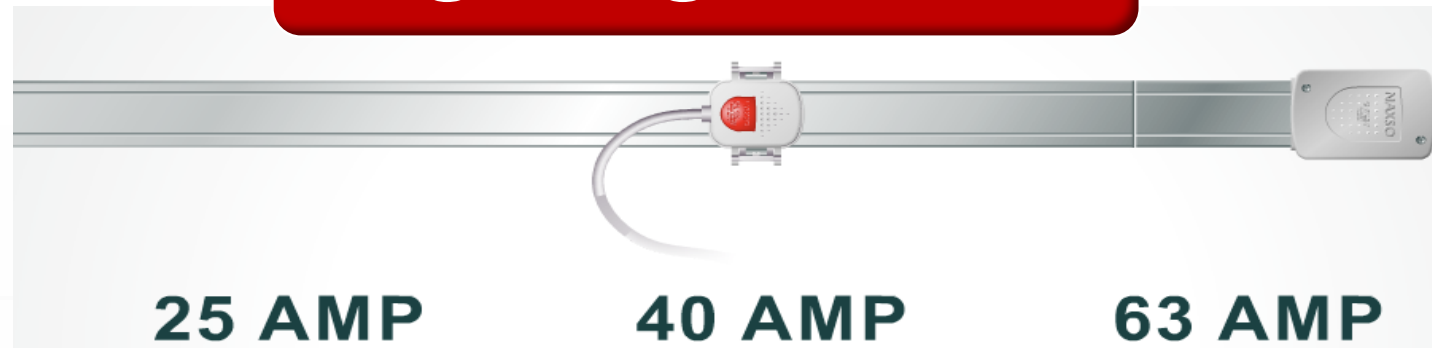
We figured a way out to make the bus bar thinner, lighter and robust... We accomplished our goals by facilitating this industry a fit and forget solution and the only way to make that extruded component was to carve it out of a single piece of...

ALUMINIUM

Embedding a unique and consolidate technology



Lighting Busbar



- Extruded Aluminum housing.
- Built-in-reduced torque with a housing that acts as a path-earth.
- 2 - 4 - 6 conductors plus earth (housing). All of them on one face window-outlet **STRONG** joints
- ONE MILLION lengths sold in 10 years

TAP OFF

6-Pole available

STRONG and reliable

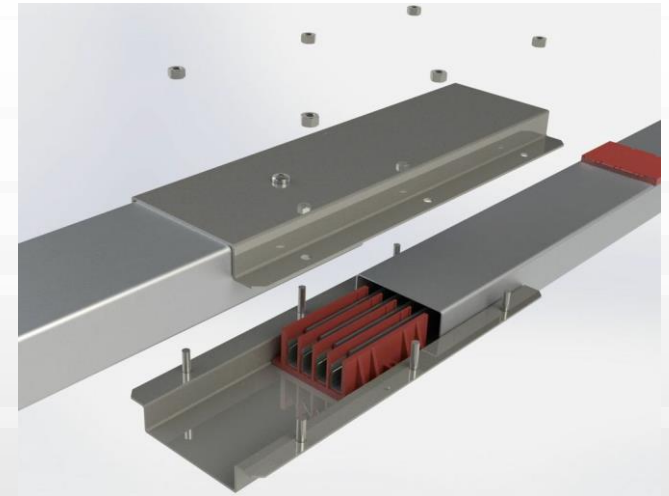
Power Busbar

- Sturdy and stiff aluminum extruded housing
- Aluminum 1050 alloy for all conductors = **15% better performance** than 6060 alloy
- No bolts, seamless and overlapping joint to cut dramatically tension drops
- 400000 lengths sold in 10 years

TAP OFF

From 16A to 300A matching all the ratings

Solid extruded case



Sandwich Busbar

- Unique Aluminum alloy with a patented design conductors to be shared from 1000A to 4000A with only 2 housing dimensions
- Easy joint
- 5000A special single conductor
- **Super compact** dimension for end flange and elbows

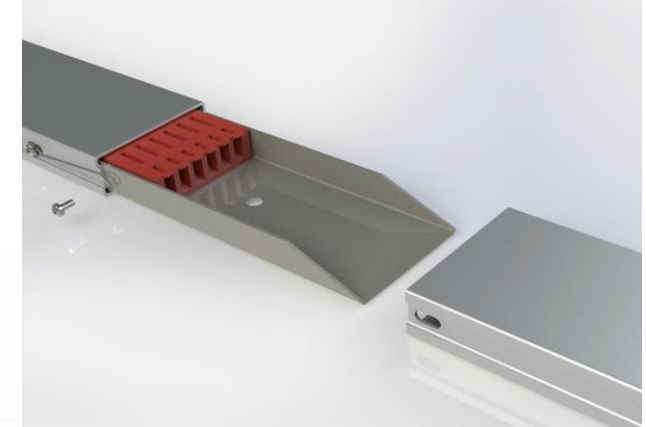
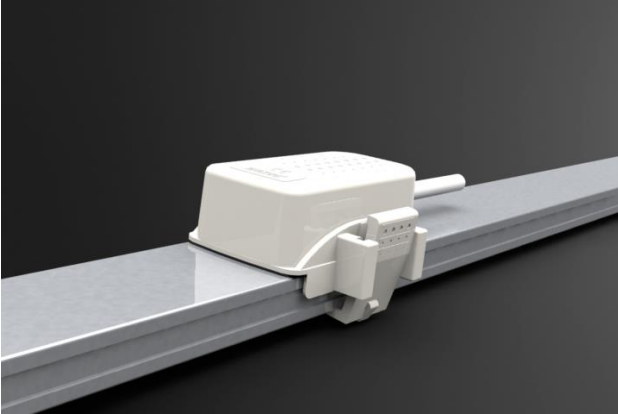


TAP OFF

4 POLE available

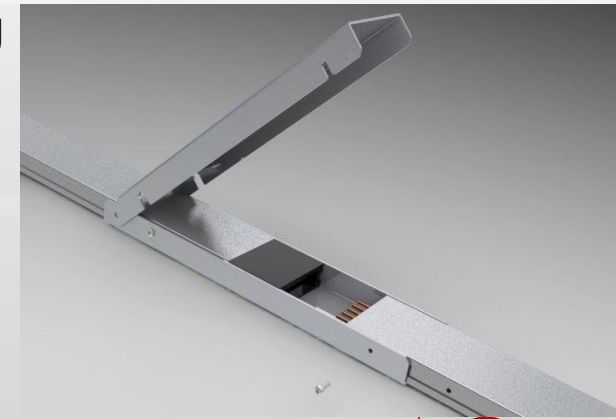
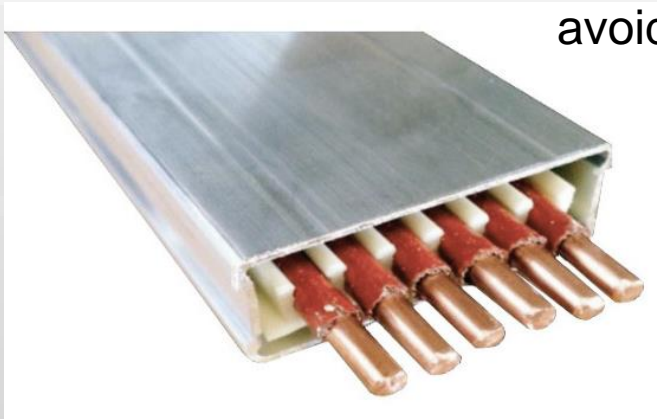
STRONG and reliable

Under floor Raceways



Naxso Under floor track is a small dimension Busbar to let installation in every area where under floor space is low and the minimal space is requiring a compact, strong, and high performing track. The minimum floor dimension can be 48 mm.

Lengths are available in standard 3-1, 8-1, 2 Mt. so that the storage is reduced to the minimum. Tap offs can be key coded to avoid mistakes and are plugged and removed by compressing side clips and pulling them out.



Why Naxso

- ❖ We have come from 30 years of installation all over the world. We always understand customers and their needs
- ❖ Our production is unique in the world for completeness. From the precision of the details of the 25A to the unstoppable power of the 6300A
- ❖ For us, certification is a way of thinking. From the tests on the IP55 to the audacious short circuit tests on the sandwich passing through the heating tests.
- ❖ 30 global agencies
Over 25 global distributors
Over 140 international projects per year

**Top
Certified**

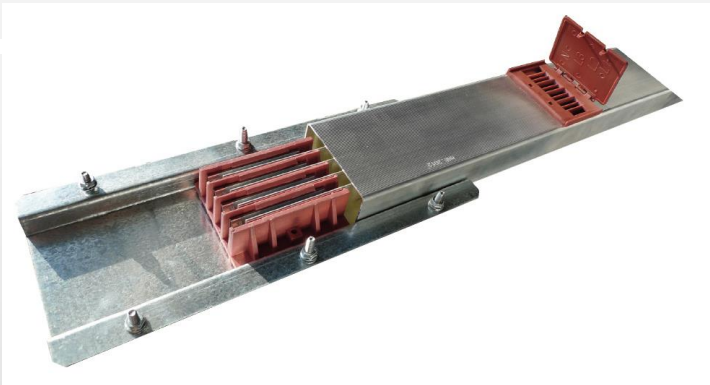
**From 25A
To 6300A**

**30 Years Of
Experience**

**A Global
Positioning**

Change and Clients are the only Constant

INNOVATING is in our DNA. We always bring all the best ideas into our products. Even if **Naxso** has a relatively small share of the busbar market, the brand is recognized and appreciated worldwide.



That's because we refine and refine every detail in the service of the user just to get rid of complexity. If something doesn't need to be there, is not there... You can use **Naxso** products straight away.

Our best advantage are the customers. We are surrounded by companies that testify our products and our work ethic to deliver the simplest while most don't really care about their customers. And we have a fantastic customer base with no reticence and they tell us on how to improve and make the product "better".





ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

Via Tito Livio, 5 - 24123 - BERGAMO (Italy)
tel. +39 035 4175244 fax. +39 035 4534662 e-mail: acaecert@tin.it



Certificate of Conformity

LOVAG-Certificate No. IT 11.030

DECLARATION OF EC CONFORMITY

No. TL/Prot20220

The product

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition.

The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Only integral reproduction of this Certificate or reproductions of this page accompanied by any page(s) on which are stated the tests performed and the assigned rated characteristics of the apparatus tested, are permitted without written permission from the LOVAG signatory responsible for this Certificate.

The expiry of this certificate see ACAE certification scheme.

Type reference	Naxsolux BA
	Naxsopower BP
	Naxsopower BPG
Supplier	Naxso Srl 10135 TORINO (I)
Description	Busbar trunking system

To which this declaration relates is in conformity with the following standard

Standard, Norme:	CEI 17/13-1-2 CEI EN 60439/1-2 CEI EN 61439 IEC 61439-6 IEC 60695-2 IEC 60529 IEC 62262
Type tests	CEI EN 61000-2-4 (CEI 110-27) DIN VDE 0660 parte 500-502 CEI EN 60068-2-11:2000 Class CEI 104-17-F.5890

1. Temperature-rise limits
2. Dielectric properties
3. Short-circuit strength
4. Effectiveness of the protective circuit
5. Clearances and creepage distances
6. Mechanical operation
7. Degree of protection
8. Electrical characteristics
9. Structural strength
10. Crushing resistance
11. Resistance to flame propagation
12. Fire barrier in building penetration

This declaration of Conformity according to EN 45014, was issued after tests in laboratory

Responsible Certification Body: ACAE



PRD N°070B
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Mauro Marchi

Mauro Marchi

Authorized Signature

Date: 2017.05.02

Certification



Why **NAXSO** Lighting Busbar

NAXSO LIGHTING BUSBARS HAVE UP TO 6 CONDUCTORS CAPACITY PLUS ... -

- ❖ THE CONDUCTORS ARE 690 VOLTS
- ❖ ANY CIRCUIT CAN BE WIRED BOTH ENERGY AND SIGNAL AS WELL AS DALY AND BUS CONTROLS UP TO 40 JOINTS (120 MT)
- ❖ ALL THE TAP OFFS HAVE UP TO 6 PINS CAPACITY FOR EVERY SINGLE TAP OFF AND THE BIG ONE (SBM) CAN EVEN BE FUSED UP TO 25A



Why **NAXSO** Lighting Busbar

HOUSING IS ALUMINIUM MADE WITH ONE EXTRUDED UNASSEMBLED PART INSTEAD OF TWO.

- ❖ THIS MEANS AN EXCEPTIONAL STRENGTH AGAINST ANY "HELIX" OR "WAVE" EFFECT
- ❖ THE BUSBAR IS STURDY, RIGID AND STIFF
- ❖ ALUMINIUM BODY MAKES THE BUSBAR EXTREMELY LIGHT WEIGHT



Why **NAXSO** Lighting Busbar

ALUMINIUM BODY MEANS EXCELLENT PE
CONDUCTOR 130 mm² AROUND 90 mm² COPPER
EQUIVALENT

- ❖ NO EXTRA PE IS NECESSARY
- ❖ PE HOUSE RESULTS IN LOW NOISE MATERIAL
- ❖ THE ELECTRICAL MAGNETIC FIELD IS
ROUGHLY ZERO

THE NAXSO BUSBAR HAS INCREASED
CONDUCTIVITY BECAUSE OF THE ALUMINIUM
1-PIECE CASE COMPARED TO 2-PIECE STEEL
HOUSING OF THE COMPETITORS

Our Core Team



Fabrizio Tamagnone
Technical/commercial office
Sales & Design Manager



Antonella Sansone
Administrative/Accounts
Manager



Giorgio Tardito
Sales / Marketing Manager



Roberto Borra
Warehouse Manager



Riad Samir
Purchase Manager

Presence across the Globe



Our International Clientele



BAA Heathrow 



SONY

Our Indian Clientele







GKB Optical



SIEMENS



Cognizant

DANBLOK
braking



GRAZIANO TRASMISSIONI GROUP



RPG

MONTE CARLO



Get in touch with us



www.naxso.com



Corso Pastrengo, 50/B
10093 Collegno
Turin (ITALY)

740C, Pace City-II, sec-37
Gurgaon, Haryana 122001
(INDIA)



+39 366 4682594

+91 8510003303
+91 7619248666
+91 124-2370077



naxsonaxso@icloud.com

sales@naxsoindia.com
support@naxsoindia.com

