



Bus Bar trunking system

6300 - 0800A

SAVE AND SAIFTY

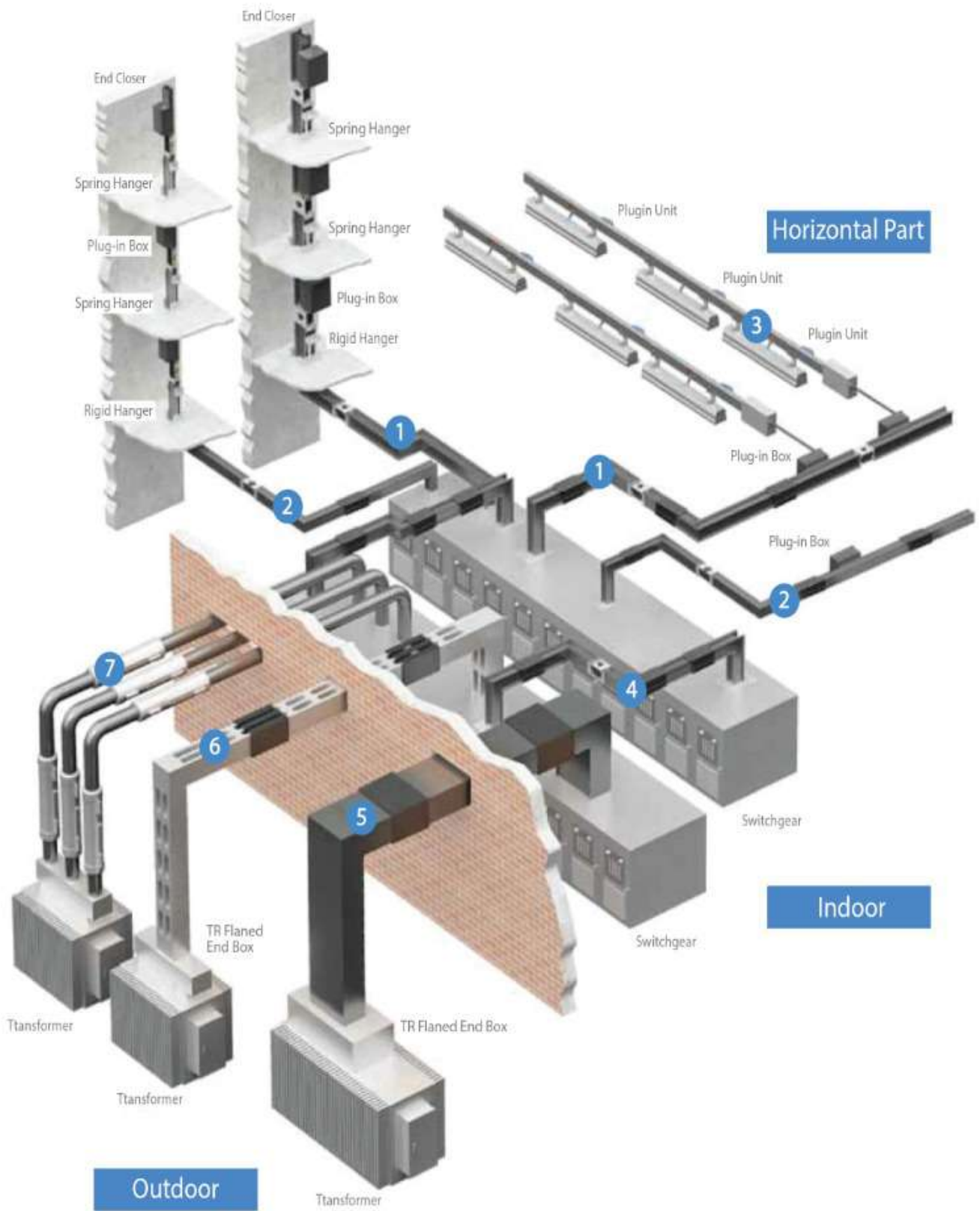


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RISER PART



AMG Busbar Trunking system, manufactured by Almeliegy Electric, offers a complete line of compatible, sandwich-type feeder lengths and fittings. It allows maximum flexibility, ease of installation, and offers electrical efficiency in the distribution of low voltage power for both commercial and industrial applications.

AMG busway has been used to supply power in thousands of installations. Our broad range of AMG busway products feeder styles from 800–4000 A with aluminum conductors and up to 6000 A with copper conductors. Busway are constructed in three-pole and four-pole full neutral configurations for system voltages to 600 V and are rated to allow 100% of the current to flow continuously.

Busway installation is quick and easy. The compact, totally-enclosed design is lightweight and easy to handle. This significant reduction in installation time can result in total installed cost for busway being significantly lower than other distribution methods.

When you need busway, select the best: AMG busway. No matter how you compare, AMG busway is your solid first choice!

Sandwich Construction

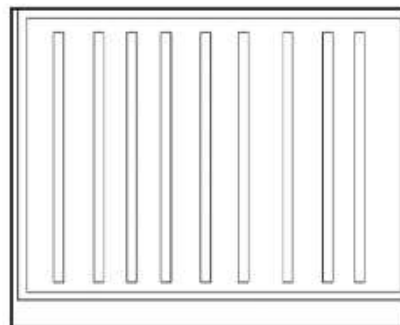
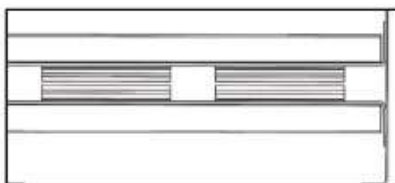
AMG feeder busway utilize sandwich-type construction to provide superior voltage drop characteristics, even at low power factors.

Steel housing sides and tops and bottoms have been carefully designed to reduce component weight and minimize the hysteresis and eddy current losses.

Totally-Enclosed Housing

Ventilated busway depends on free air movement through a perforated housing to cool the bus bars.

Unless mounted in its preferred position (for maximum bus bar cooling), ventilated busway must be derated. Ventilated housing also permits dirt accumulation and offers limited protection of bus bars due to open ventilating slots in the housing.



Rated service current		Permissible rated peak current		Rated insulation voltage	Color	Line components	
Alumimum	Copper	Alumimum	Copper	1000 V	Oyster - White; (RAL 7011) Or light grey (RAL 1313)	Length of Components UP TO 3 m	Number of Conductors 3L 3L + N or 3L + PE or 3L + N + PE
800 A	800 A	56 K A	--				
1000 A	1000 A	56 K A	80 KA				
1250 A	1250 A	117 K A	--				
1600 A	1600 A	117 KA	80 KA				
2000 A	2000 A	143 K A	143 KA				
2500 A	2500 A	176 K A	176 KA				
3200 A	3200 A	220 K A	176 KA				
4000 A	4000 A	220 K A	220 KA				
	5000 A		220 KA				
	6300 A		275 KA				
			275 KA				

AMG busbar is intended for high power transport in harsh environments and critical buildings. The system is made of prefabricated sections adapted to all run configurations.

AMG is compliant with the standard IEC (61439-1).

ratings are available, from 800 to 4000 A for aluminum and from 800 to 6300 A for copper.

3 to 5 conductors with identical cross-sections address the following configurations: 3L, 3L+PE, 3L+N, 3L+PEN, 3L+N+PE.

Degree of protection is IP54

Insulation voltage: 1000 Volts

AMG can be installed edgewise, flat or vertically without derating its design allows the busbar to be installed through a floor slab or fire barrier wall.

Conductors

Conductors have a rectangular section with full rounded edges and are available in two versions: Electrolytic-Copper Cu ETP 99.9% - bare copper.

The not encapsulated connection pads of the made to measure end feed units are tin plated Aluminum EN AW 6101b - tin plated along the entire surface.

Compliance with Standards										
Protection degree	IP	54								
Nominal rated current at an ambient temperature of 35°C	A	800	1000	1250	1600	2000	2500	3200	5000	6300
Rated insulation voltage	V	1000								
Rated operation voltage	V	1000								
Operating frequency	HZ 50/60									

SHORT CIRCUIT CURRENT WITHSTAND

Allowable rated short time withstand current (t=1s) I _{cw}	KA	38	38	65	80	80	100	100	125	125
Allowable rated peak current I _{pk}	KA	80	80	143	176	176	220	220	275	275

Special Busway Construction

This section outlines requirements for busways with features other than our standard.

Special Paint

AMG busway can be provided in colors other than RAL7011 Iron grey for an additional fee. The special color requested should be specified by an RAL color code at the time of order entry. With typically lengthened lead times for special color parts, it is imperative to provide this information as early as possible in the order process so delivery commitments can be met.

Low Current Density Busway

Some customers require a lower current density busway than our standard for rigorous duty in their installation. Almeliegy electric has developed a range of busway for the most commonly requested current density of 1000 A per square inch for copper busway and 750 A per square inch for aluminum

busway. If you require this current density for your installation, specify it, and we can meet your need.

Riser Plug-In Busway

Almeliegy Electric also offers an AMG plug-in busway specifically designed for installation in riser closets of high-rise buildings. This plug-in busway has a plug-in door on the front side that faces out into the room.

The back of the busway, that faces the wall, is blanked off with a feeder bus side rail.

This design provides a plug-in busway ideally suited for riser cabinets and gives the customer only the necessary plug-in openings.

Splash Resistant Busway

Some indoor busway is subject to occasional water exposure, such as roof leaks or sprinklers. While this application does not require the full protection of outdoor busway, additional protection is needed for the indoor busway. The splash resistant feature is tested to the International IEC 60529 standard and is rated as IP54. This rating specifies protection from dust and water ("splashed from all directions with limited ingress permitted").

This feature is available as an option with indoor plug-in and feeder busway. To maintain the UL label, however, an IP54 rating product needs to be sized as a "Low Current Density Busway."

Straight feeder lengths

- Transport the current without tap-off points.
- Available made to measure from 0.30 to 3 meters.

Straight feed unit

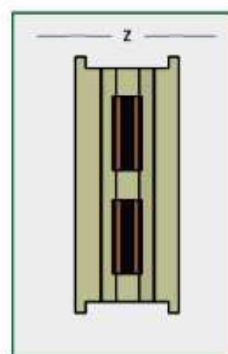
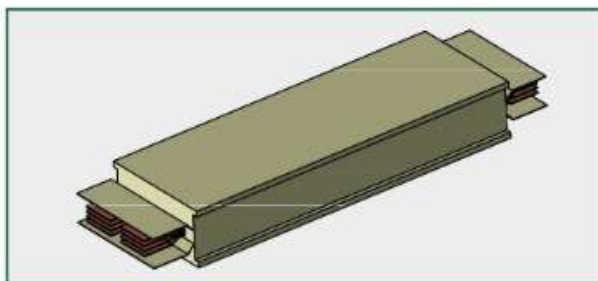
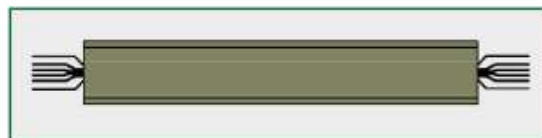
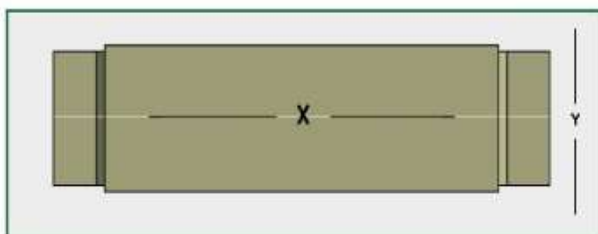
To go up or down, to turn right or left:

b Type LP, flat elbow available in fixed or made-to-measure lengths.

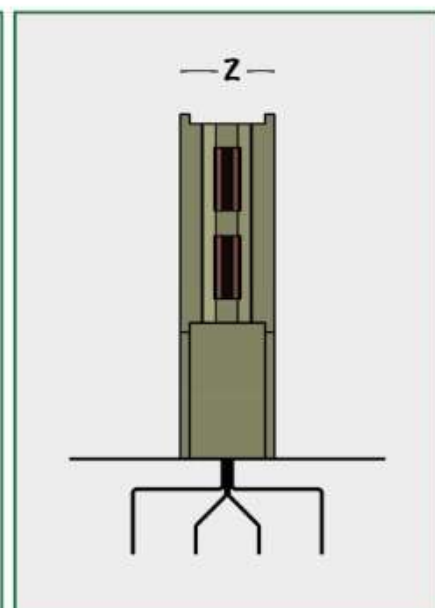
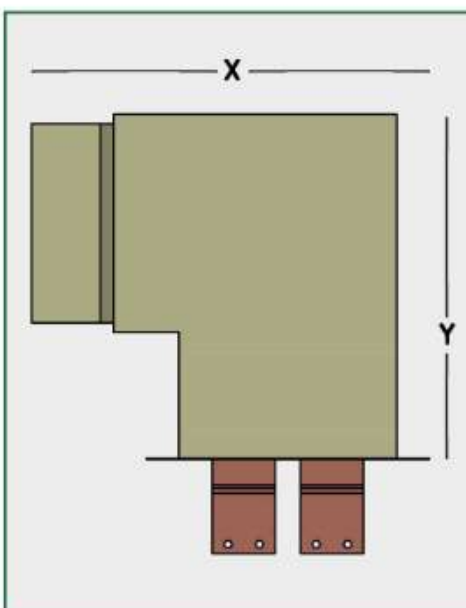
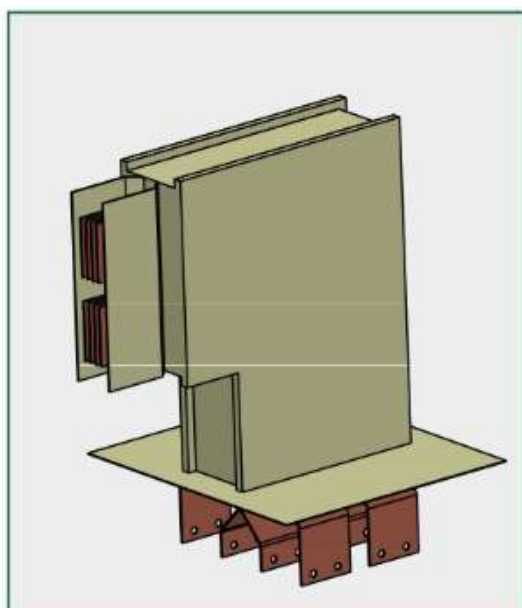
b Type LC, edgewise elbow available in fixed or made-to-measure lengths.

b Type TC and TD, to feed runs perpendicular to the main run.

Rating (A)	Y	X	W
800	89	300 To 3000	156
1000	109	300 To 3000	156
1250	173	300 To 3000	156
1600	213	300 To 3000	156
2000	263	300 To 3000	156
2500	273	300 To 3000	156
3200	317	300 To 3000	156
4000	421	300 To 3000	156
5000	525	300 To 3000	156
6300	629	300 To 3000	156

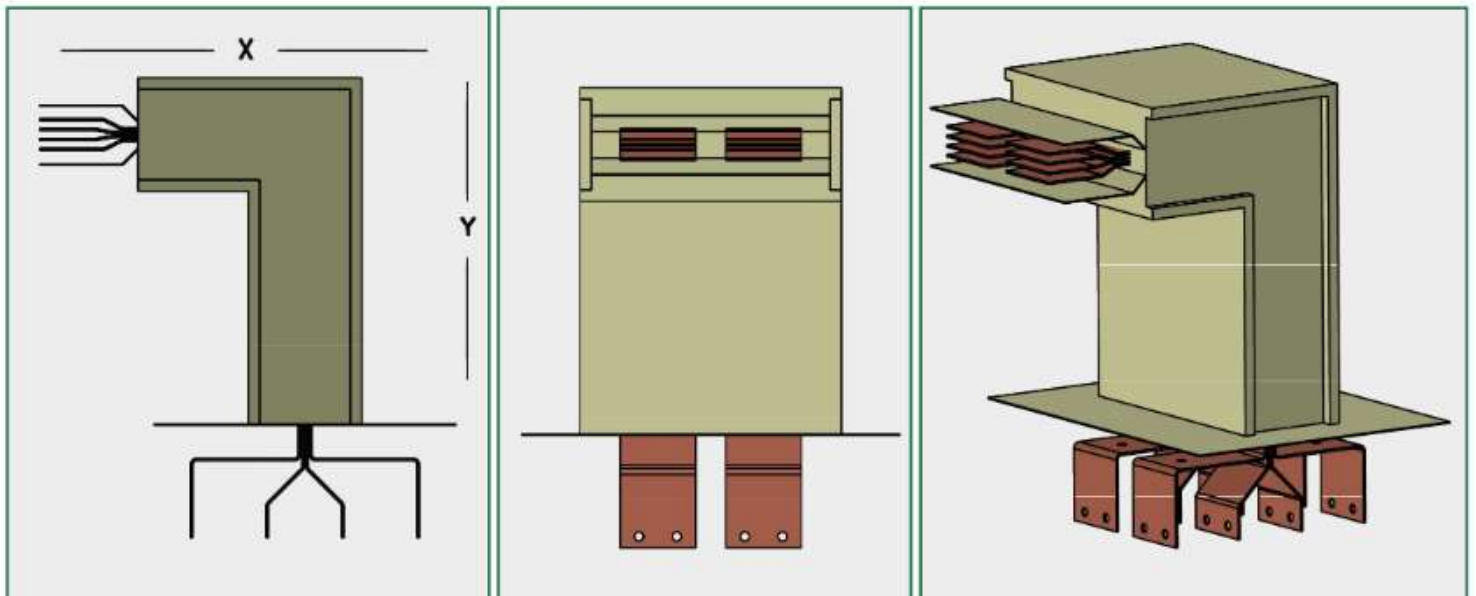


Rating (A)	X	Y	Z
0800	300	300	156
1000	300	300	156
1250	300	300	156
1600	300	300	156
2000	300	300	156
2500	400	400	156
3200	450	450	156
4000	590	590	156
5000	690	690	156
6300	790	790	156



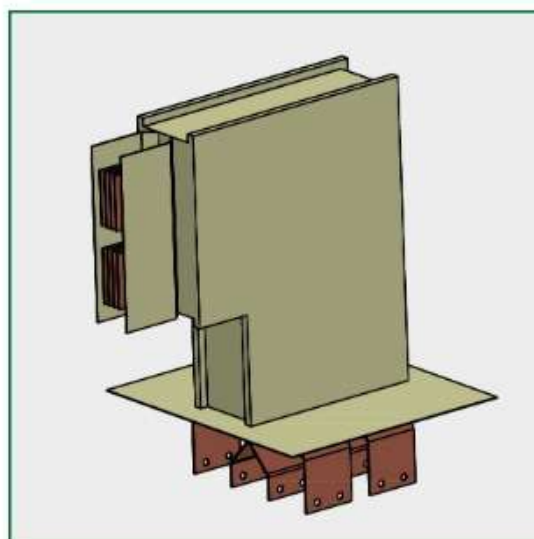
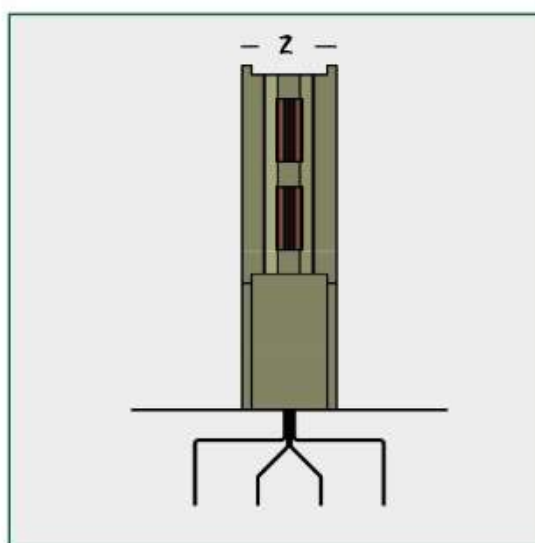
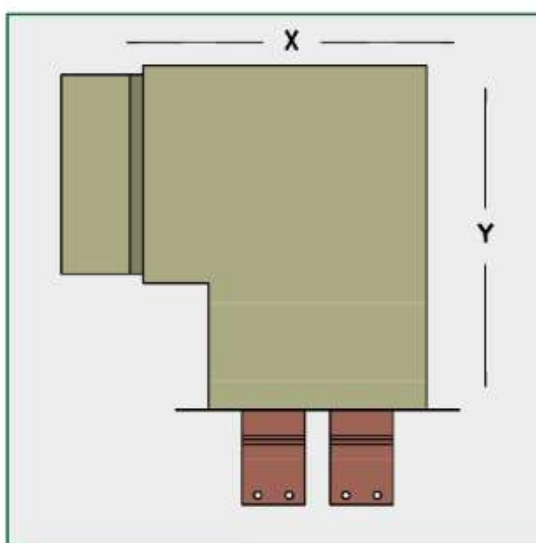
FLANGE END WITH EDGEWISE UNIT

Rating (A)	X	Y
0800	500	200
1000	500	200
1250	500	220
1600	500	300
2000	500	340
2500	400	380
3200	450	480
4000	590	620
5000	690	760
6300	790	900



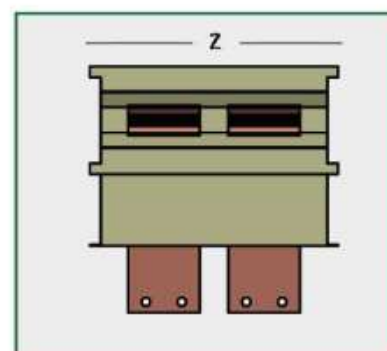
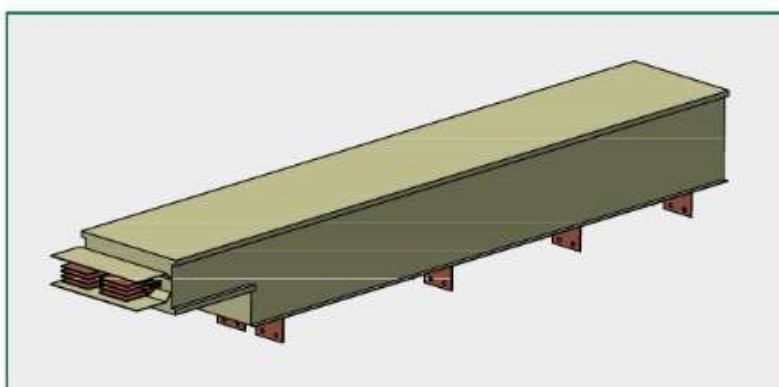
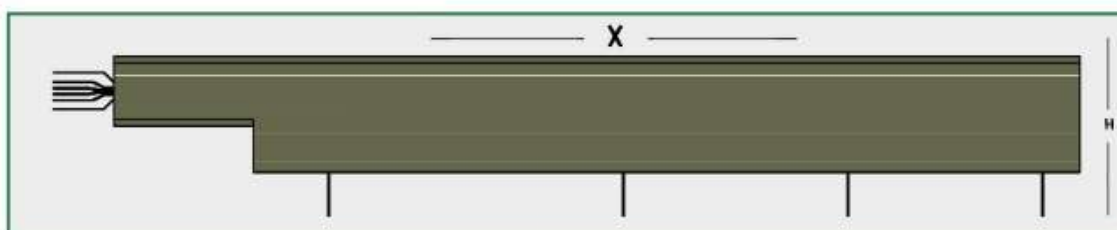
EDGE WISE FEED UNIT

Rating (A)	X	Y	Z	(X+Y+Z) max
0800	400 to 650	400 to 650	156	1400
1000	400 to 650	400 to 650	156	1400
1250	400 to 650	400 to 650	156	1400
1600	400 to 650	400 to 650	156	1400
2000	400 to 650	400 to 650	156	1400
2500	400 to 650	400 to 650	156	1400
3200	400 to 1000	400 to 1000	156	1400
4000	500 to 1000	500 to 1000	156	2000
5000	500 to 1000	500 to 1000	156	2000
6300	500 to 1000	500 to 1000	156	2000



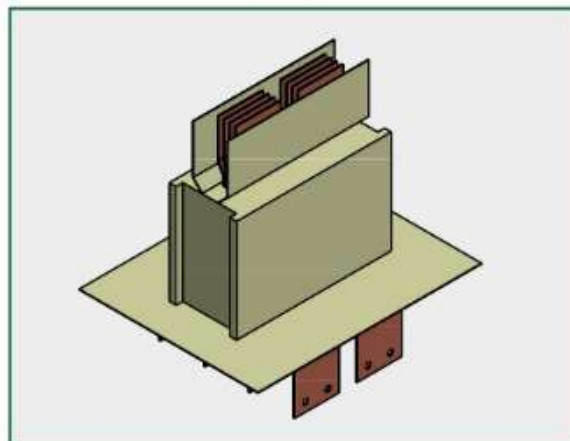
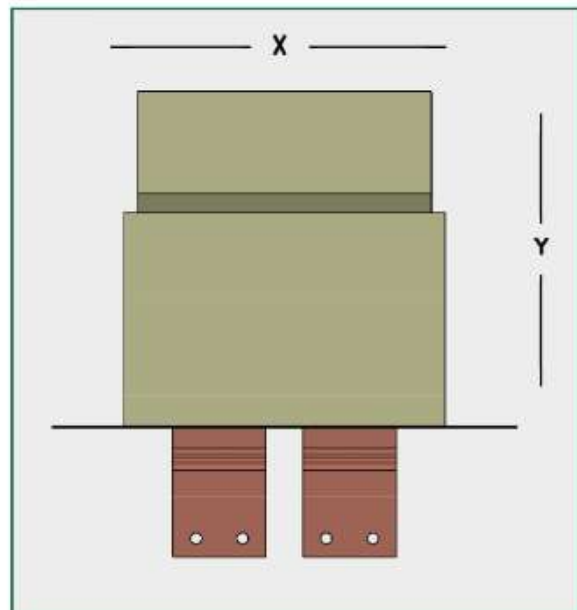
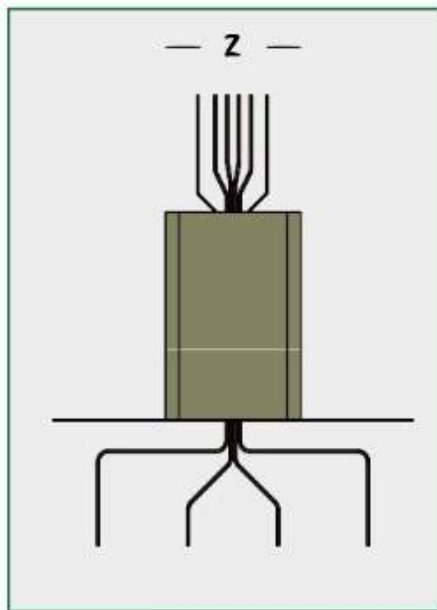
FLANGED HEAD FOR DRY TRANSFORMERS

Rating (A)	X	Z	H
0800	2200	180	320
1000	2200	200	320
1250	2200	220	320
1600	2000	300	320
2000	2200	340	320
2500	2200	380	320
3200	2200	480	320
4000	2200	620	320
5000	2200	760	320
6300	2200	900	320



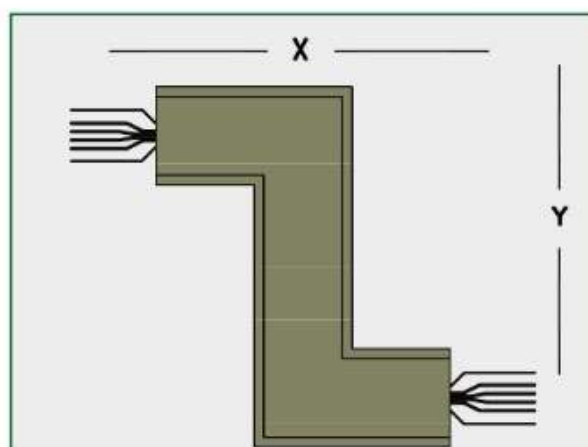
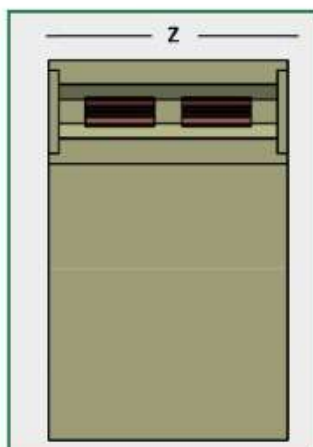
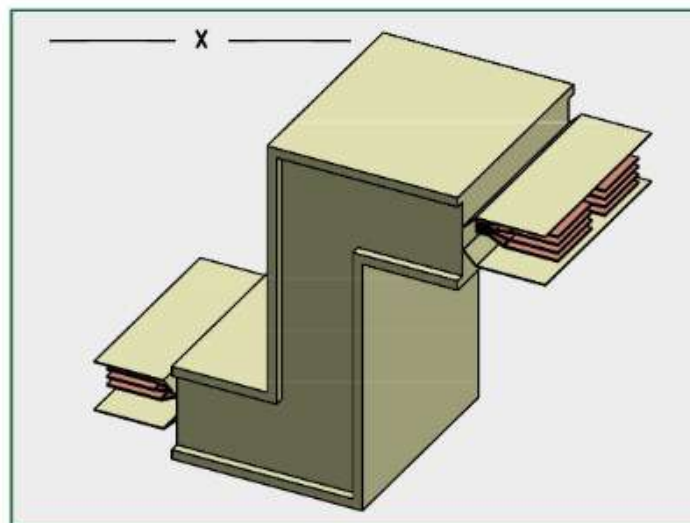
FLANGED HEND PANELS

Rating (A)	X	Z	Y
0800	180	156	500
1000	200	156	500
1250	220	156	500
1600	300	156	500
2000	340	156	500
2500	380	156	500
3200	480	156	500
4000	620	156	500
5000	760	156	500
6300	900	156	500

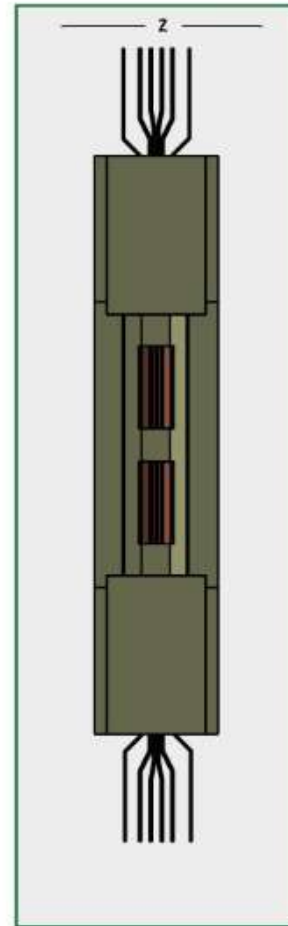
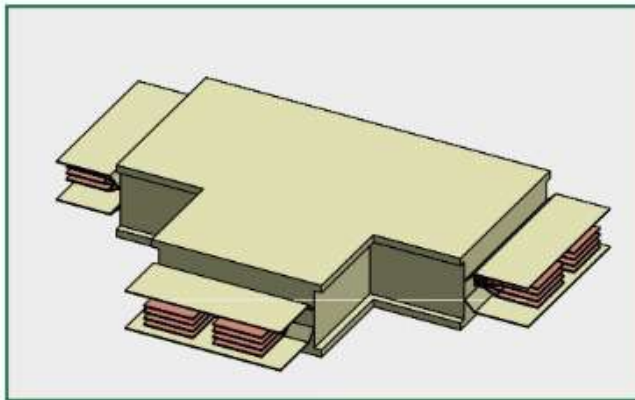
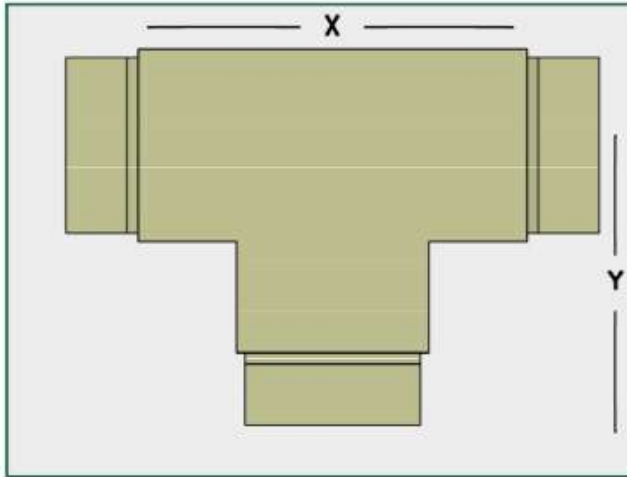


ZP -FLAT ZED UNIT

Rating (A)	X	Y	Z	(X+Y+Z) max
0800	700 to 1000	300 to 700	180	1200
1000	700 to 1000	300 to 700	200	1200
1250	700 to 1000	300 to 700	220	1200
1600	700 to 1000	300 to 700	300	1200
2000	700 to 1000	300 to 700	340	1200
2500	700 to 1000	300 to 700	380	1200
3200	700 to 1000	300 to 700	480	1200
4000	700 to 1000	300 to 700	620	1200
5000	700 to 1000	300 to 700	760	1200
6300	700 to 1000	300 to 700	900	1200



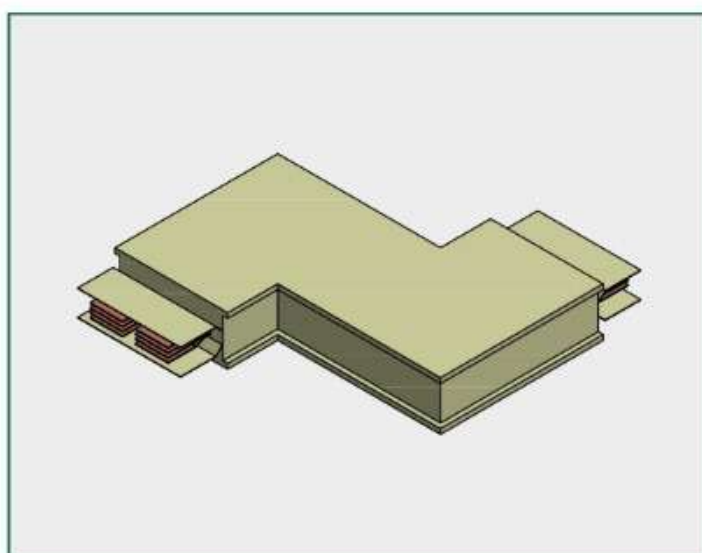
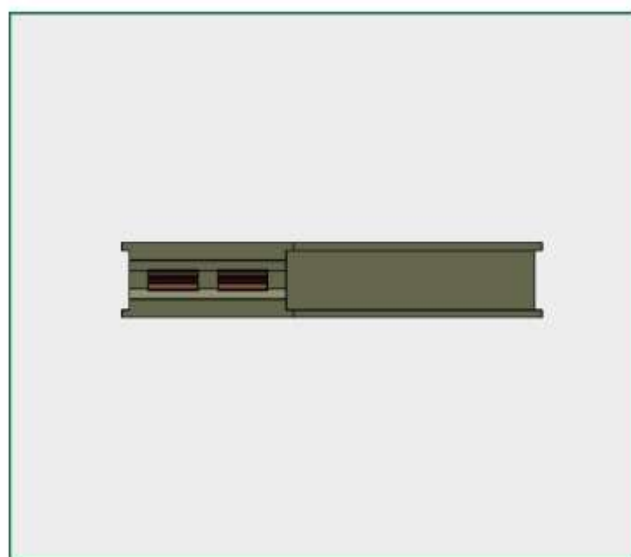
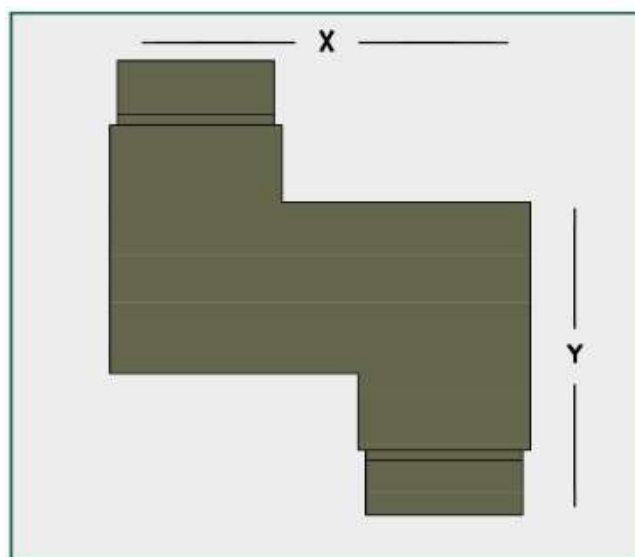
TC -EDGEWISE TEE



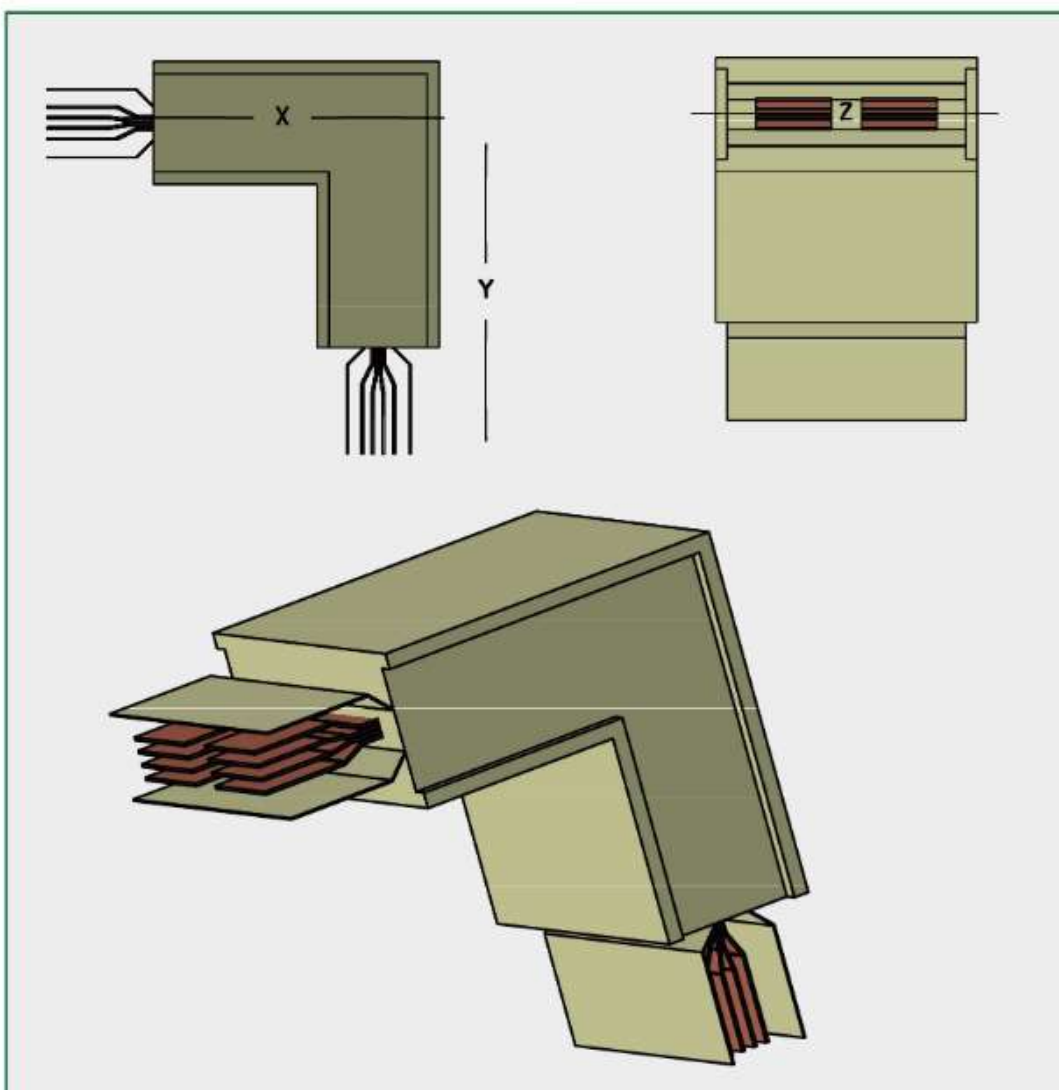
Rating (A)	X	Z	Z	X	Y	X	(X+Y+Z) MAX
0800	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
1000	700 to 1000	156	156	240 to 1150	240 to 1150	240 to 1150	2000
1250	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
1600	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
2000	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
2500	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
3200	700 to 1000	156	156	400 to 1150	400 to 1150	400 to 1150	2000
4000	700 to 1000	156	156	500 to 1000	500 to 1000	500 to 1000	2000
5000	700 to 1000	156	156	500 to 1000	500 to 1000	500 to 1000	2000
6300	700 to 1000	156	156	500 to 1000	500 to 1000	500 to 1000	2000

EDGE WISE (ZED UNIT)

Rating (A)	X	Y	X	Y	(X+Y)max	(X+Y) up tp
0800	300	300	300 to 700	300 to 700	1000	1500
1000	300	300	300 to 700	300 to 700	1000	1500
1250	300	300	300 to 700	300 to 700	1000	1500
1600	300	300	300 to 700	300 to 700	1000	1500
2000	300	300	300 to 700	300 to 700	1000	1500
2500	300	300	300 to 700	300 to 700	1000	1500
3200	300	300	300 to 700	300 to 700	1000	1500
4000	300	300	300 to 700	300 to 700	1000	1500
5000	300	300	300 to 700	300 to 700	1000	1500
6300	300	300	300 to 700	300 to 700	1000	1500

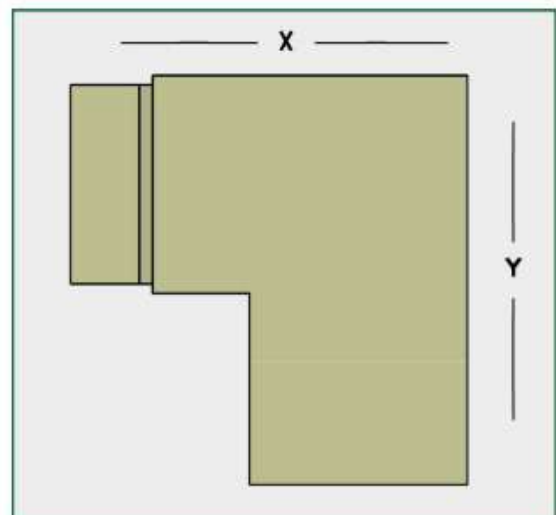
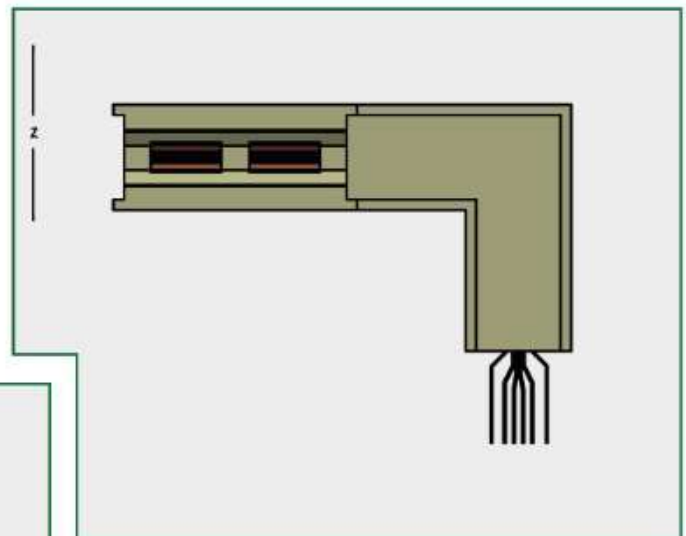
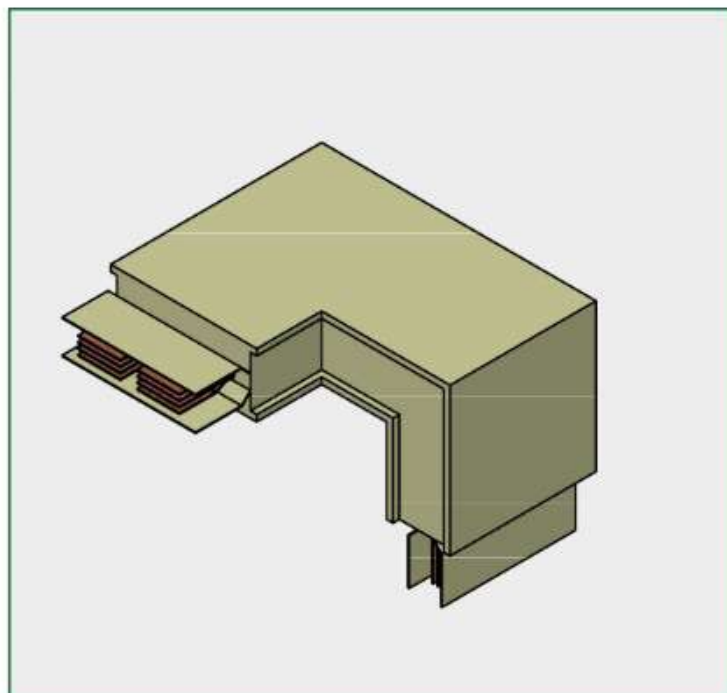


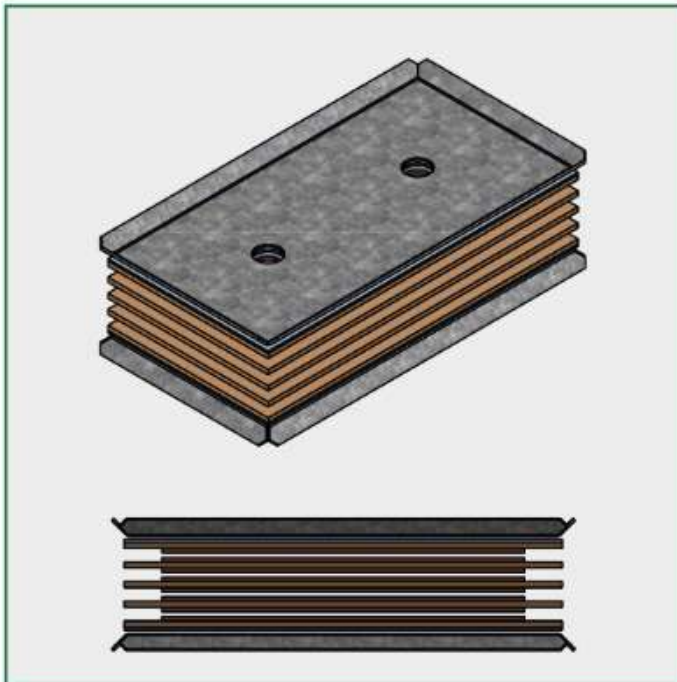
Rating (A)	X	Y	(X+Y+Z) max	Z
0800	400 to 650	400 to 650	1000	180
1000	400 to 650	400 to 650	1000	200
1250	400 to 650	400 to 650	1000	220
1600	400 to 650	400 to 650	1000	300
2000	400 to 650	400 to 650	1000	340
2500	400 to 650	400 to 650	1000	380
3200	400 to 1000	400 to 1000	1500	480
4000	500 to 1000	500 to 1000	1500	620
5000	500 to 1000	500 to 1000	1500	760
6300	500 to 1000	500 to 1000	1500	900



CHANGE OF DIRECTION

Rating (A)	X	W	U	Z
0800	270 to 1200	85	90 to 250	240 to 500
1000	300 to 1200	85	90 to 250	240 to 500
1250	300 to 1200	85	90 to 250	240 to 500
1600	330 to 1200	85	90 to 250	240 to 500
2000	330 to 1200	85	90 to 250	240 to 500
2500	390 to 1200	85	90 to 250	240 to 500
3200	450 to 1200	85	90 to 250	240 to 500
4000	510 to 1200	85	90 to 250	240 to 500
5000	630 to 1200	85	90 to 250	240 to 500
6300	750 to 1200	85	90 to 250	240 to 500





Rating (A)	Nb of bolts	Torque (N.m)
1000	1	54
1250	1	84
1600	2	84
2000	2	84
2500	2	84
3200	3	84
4000	4	84
5000	5	84
6300	6	84

Connector Assembly

AMG busway offers an improved single-bolt joint package that can be removed and replaced with an isolation joint pak to electrically isolate busway sections for load shifting and maintenance. It can also be relocated to the opposite end of a length to take care of last minute job changes. The connector Assembly is shipped pre-assembled with each AMG busway length or fitting, providing minimum job site installation labor. The bolt is a standard feature on all assemblies.

One Bolt Joint

AMG busway incorporates the "one bolt" joint principle. This joint design uses a high-strength bolt to provide a clamping force of over 4000 pounds. The force is distributed over the contact area by a pair of large diameter, spring steel cupped conical washers. On higher ampere ratings (2000 A or above) two or three joint bolts are used—one for each set of bus bars. Our "one bolt" principle replaces older designs that required up to 32 nuts, bolts, and washers for each set of bus bars. The torque indicating joint bolt is standard on all busway joints. Insulated and at ground potential, the bolt and nut are both captive to reduce installation time.

Joint

The electrical and mechanical connection between units is made with a special mono-bloc system. The junction bloc is composed of insulation plates made of BMC thermoset. Fish plates are made of bare copper for AMG-C and of tin plated aluminum for AMG-A. The junction bloc is supported by large pressure plates. This ensures a high standard of pressure on the contacts surfaces. It provides simultaneous continuity between all conductors. It is tightened using bolt(s) 1 to 6 depending on the rating



Circuit Breakers

Molded case circuit breaker plug-in devices are available in frame sizes of 100 A (FA)–1600 A (RG) with standard, high-interrupting, current-limiting, and solid-state trip circuit breakers.

The operating handle gives visual indication of tripped status for all devices as well as floor operable reset on all devices. The FA frame circuit breaker unit would fit into the same enclosure as the standard molded case breaker.

The mounting and the interlock are identical to the fusible unit.

The short circuit ratings for circuit breaker devices are listed.

Plug-In Device Mounting

Plug-in units are positioned along the busway length by notches in the busway housing top that accept the mounting hooks of the plug-in unit. This aligns the plug-in unit connectors with the plug-in opening. After the unit is

positioned on the busway it is allowed to swing down into the plug-in opening where the connectors make contact with the bus bars. This is accomplished in a “hook-swing” sequence of motions.

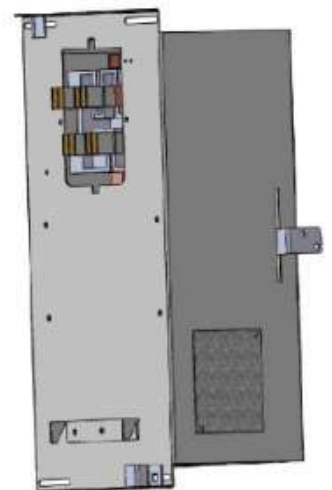


Grounding

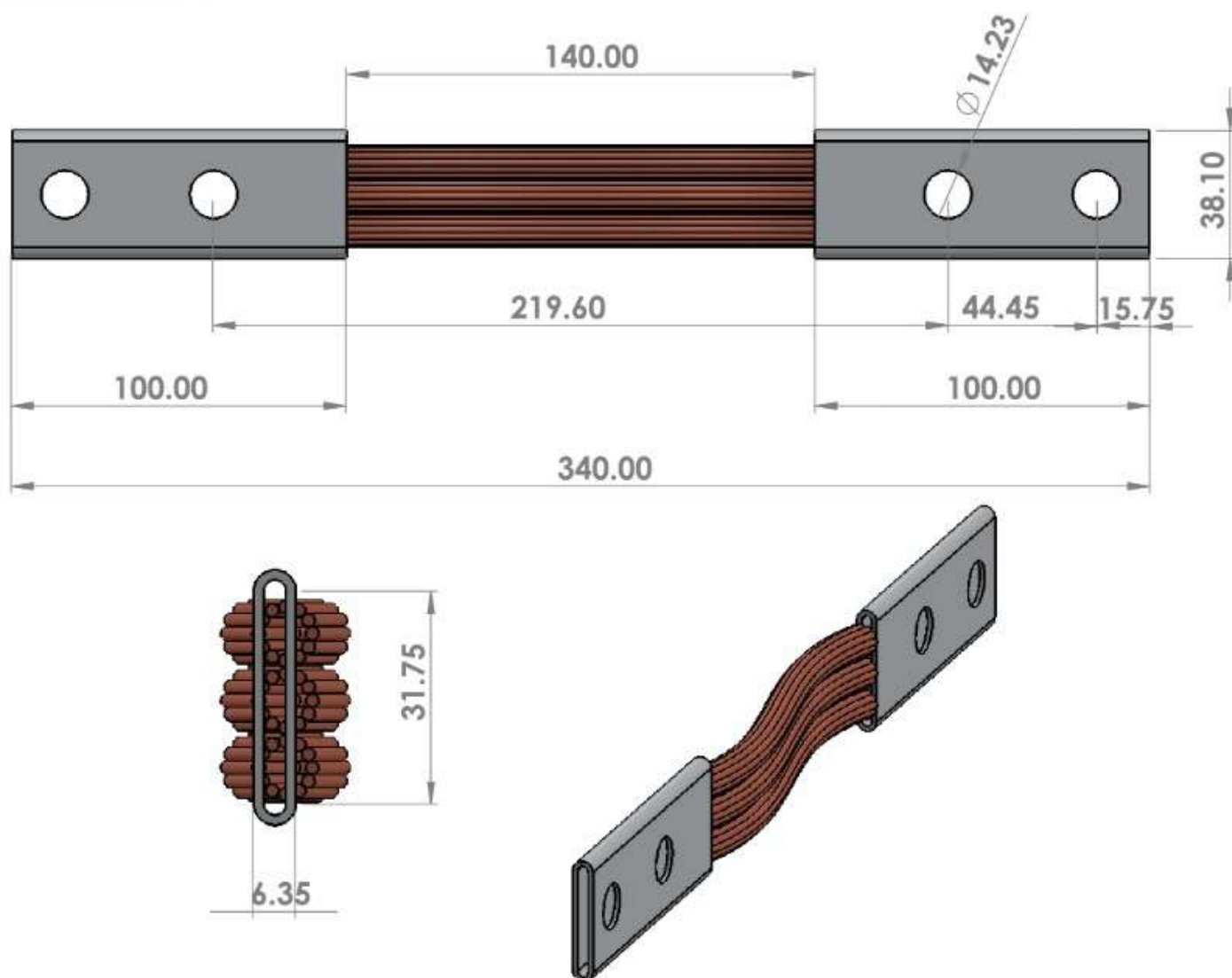
All plug-in units come with standard grounding means. A grounding spring cuts through the busway paint and forms an electrical ground continuity. An equipment ground is established before the phase jaws make contact with the bus bars by means of a grounding stab, which then makes contact with two ground jaws on the busway. A ground lug on the inside of the plug-in unit is provided for the purpose of attaching a ground wire.

Circuit Breaker Units

Circuit breaker plug-in units (15–630 A) can be installed on both sides of a riser. However, when the handle of the plug-in unit is operated vertically rather than rotationally or horizontally, the handle in the up position must be the ON position.

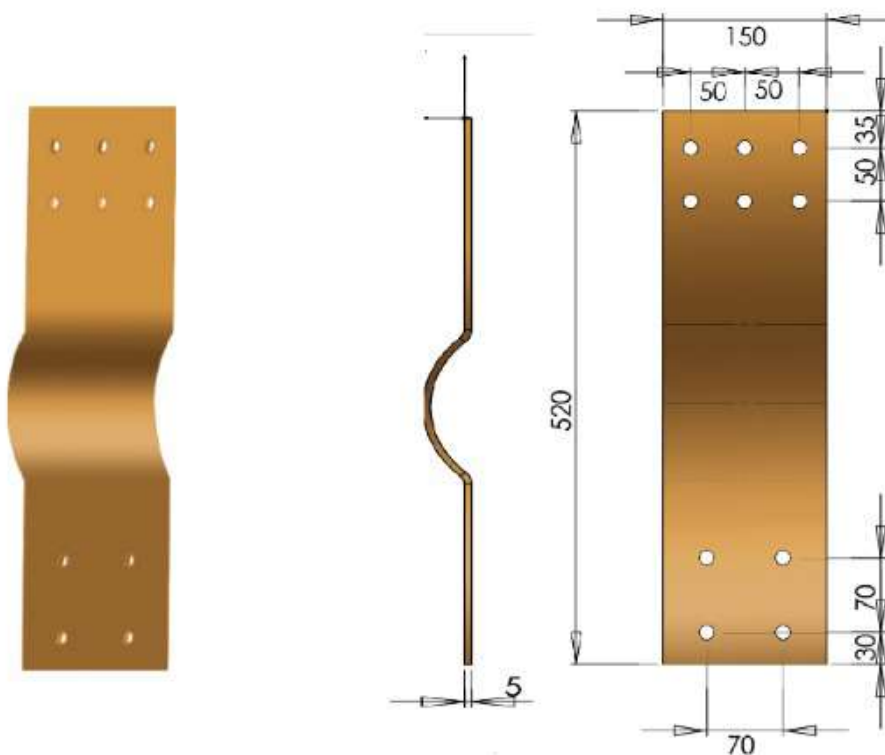


FLEXIBLE



Ampere Rating(A)	Part No.	No. of Pieces required per phase	No. Of Pieces required per phase
0800A	FLEX 08	2	1
1000A	FLEX 10	2	1
1250A	FLEX 12	2	1
1600A	FLEX 16	3	2
2000A	FLEX 20	4	3
2500A	FLEX 25	4	3
3000A	FLEX 30	5	4
4000A	FLEX 40	7	6
5000A	FLEX 50	8	7
6300A	FLEX 63	10	9

Rating (A)	Y	X	W
800	89	300 To 3000	156
1000	109	300 To 3000	156
1250	173	300 To 3000	156
1600	213	300 To 3000	156
2000	263	300 To 3000	156
2500	273	300 To 3000	156
3200	317	300 To 3000	156
4000	421	300 To 3000	156
5000	525	300 To 3000	156
6300	629	300 To 3000	156



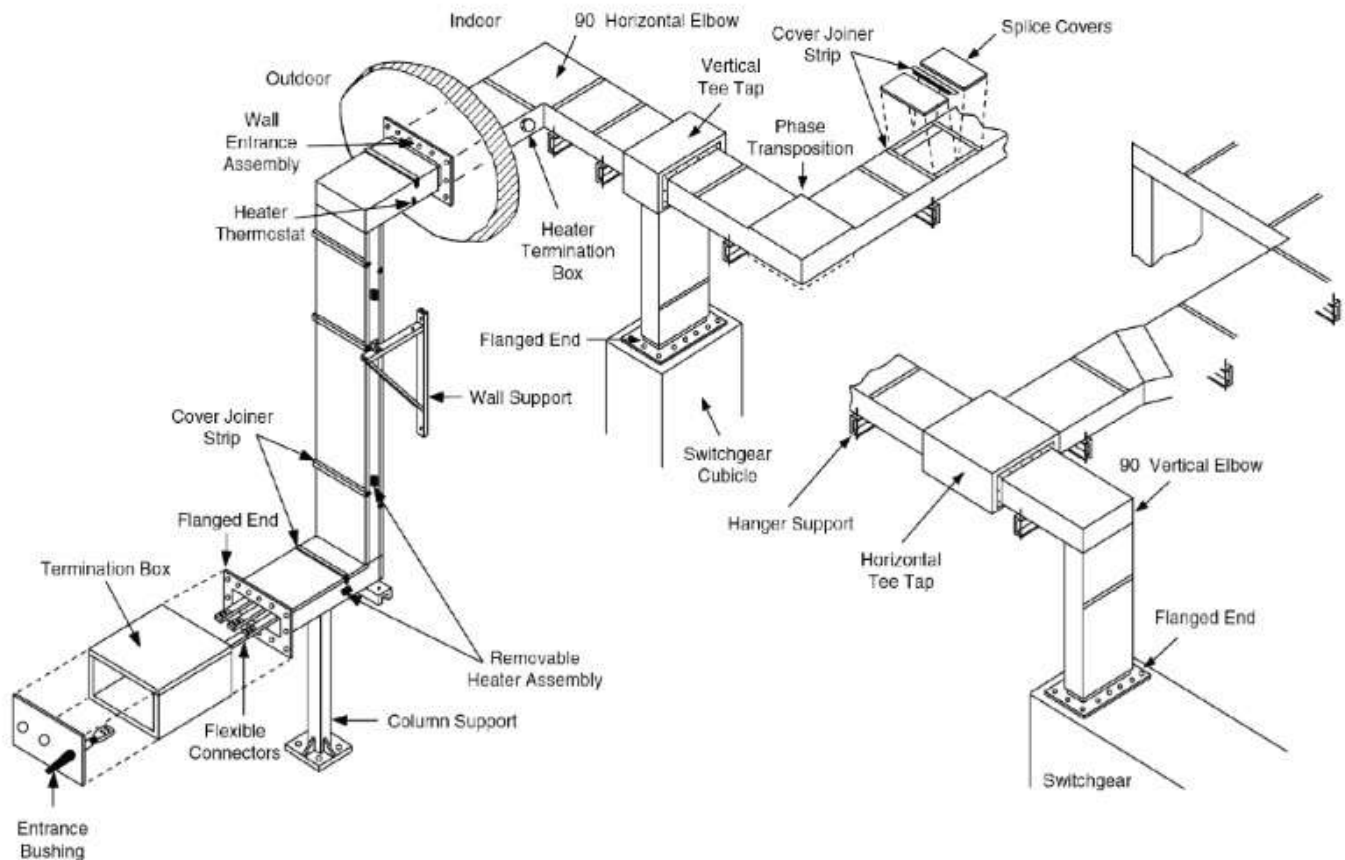
Width (mm)	Thickness (mm)	Length (mm)	Cross section (mm)	Weight (kg)
100	5	310 to 500	500	2.2

Section Includes

- This specification describes the electrical and mechanical requirements for metal-enclosed. The bus system described is to be suitable for indoor and outdoor installations, with nominal current ratings maintained in ambient temperatures.
- This specification covers only the general requirements of the bus duct assemblies. The specific requirements of each assembly (plan, arrangement, components, etc.) will be shown on drawings provided by the Purchaser.

Housing

- The bus duct shall be nonlouvered outdoors and indoors. Housing and accessory flanges, terminal enclosures, etc., shall be primed and painted [steel] [corrosion resistant aluminum] construction. All outdoor hardware exposed to the weather shall be steel. Indoor hardware (unless in corrosive environment) shall be manufacturer's standard.



TESTING



Ohm meter test

Testing is done for all the delivered parts of the Bus-Bar trunking system at the site using the insulation tester. Also, a full Insulation test is conducted for the whole system connected together and a report is issued and submitted to the consultant.



Thermal camera test

A full report is done using an Infrared Camera to show all the weak points in the electrical system by giving indications of the warm & cold areas indicated in degrees. As a result, it is a good method to predict the faults that might occur and solve them before they take place.



Site Measurements

Our dedicated engineering team using the most advanced laser equipment are available to make a full site survey and take all the necessary measurements.

NOTE



INSTULATION MANUAL



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The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. If you have any suggestions for improvements or amendments or have found errors in this publication, please notify us. You agree not to reproduce, other than for your own personal, noncommercial use, all or part of this document on any medium whatsoever without permission of Schneider Electric, given in writing. You also agree not to establish any hypertext links to this document or its content. Schneider Electric does not grant any right or license for the personal and noncommercial use of the document or its content, except for a non-exclusive license to consult it on an "as is" basis, at your own risk. All other rights are reserved. All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components. When devices are used for applications with technical safety requirements, the relevant instructions must be followed. Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results. Failure to observe this information can result in injury or equipment damage.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

Equipment and Tools

Listed here are the necessary tools, equipment, and supplies that you must have available before you can begin the installation of the AMG busbar trunking system.

Lifting and Handling Equipment

- Crane or forklift truck with minimum fork length of 2 m, capable of lifting 2 tons
- Two slings for handling the components.

Equipment for Positioning and Installing Supports

- Drilling machine capable of drilling through concrete.
- Set of flat or ring spanners (22...10 mm).
- Socket wrench with sockets (22...10 mm).
- Set of screwdrivers.
- Measuring tape (metric).
- Carpenters square.
- Measuring tape (metric).
- Insulation tester (Megohmmeter (1000 Vdc).
- Leveling instrument (spirit level)
- Torque wrench (100 ..10 N•m, 22...10 mm).

Layout, Missing Links, and Pre-Installation Checks Layout

- Before beginning installation, you must compare the plan which you received from the design office, with the actual layout of the building.
- Specific points about the layout:
 - 1- Check that the floors, walls, and ceilings where supports are to be positioned are strong enough to handle the weight. Floors, walls, and ceilings should be made of metal or concrete.
 - 2- Check that there is no other equipment in the way of the run (HVAC, plumbing, or others).

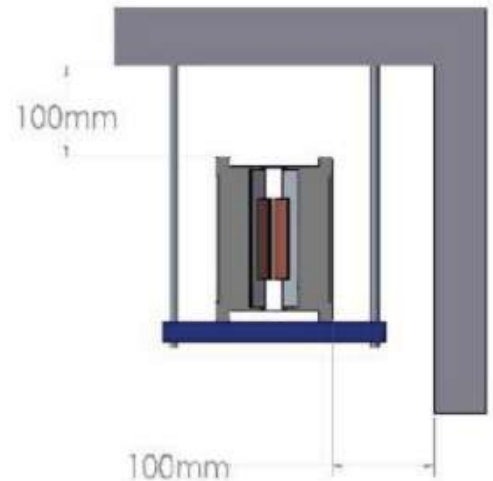
Identifying the Locations of Missing Links

- - Missing links are gaps in sections of straight lengths of run components. They are sometimes introduced to ease the installation process and to optimize the system according to on-site constraints. Be aware of these missing links and their locations on-site.
- For long runs, it is often difficult to plan the dimensions of the missing links. In these cases, the run components to fill the missing links are ordered at the end of the installation after the gaps to be filled have been measured.

Minimum Distances from Walls and Ceilings

Edgewise Installation

- Follow these rules for maintaining recommended minimum distances from walls and ceilings in edgewise installations of the run components:



For run components installed edgewise:

- Maintain a minimum clearance distance of 100 mm from the top of the run components to the ceiling.
- Maintain a minimum clearance distance of 100 mm from the side of the run components to the wall.

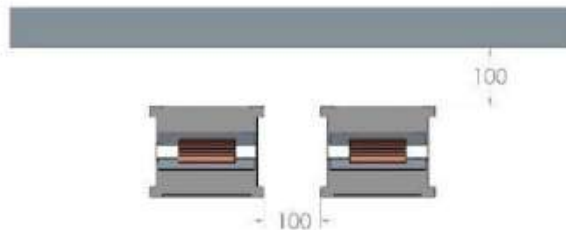
For multiple runs of Canalis KT run components:

- Maintain a minimum distance of 240 mm between the centers of the run components.
- Maintain a minimum distance of 100 mm between the run component ducts.
- Maintain a minimum distance of 100 mm between the ceiling and run component ducts. Blue arrows show the direction of fitting the joint blocks.

NOTE: The minimum distances are necessary to enable the correct installation of the joint block.

Flatwise Installation

Follow these rules for maintaining recommended minimum distances from walls and ceilings in flatwise installations of the run components:



For run components installed flatwise:

- Maintain a minimum clearance distance of 100 mm from the top of the run components to the ceiling.
- Maintain a minimum clearance distance of 100 mm between the run components. Blue arrows show the direction of fitting the joint blocks.

General Rules for Installing Supports

Introduction

For proper installation of the AMG run components, it is important to install supports correctly. There are some general rules which you must follow when installing supports for the AMG run components.

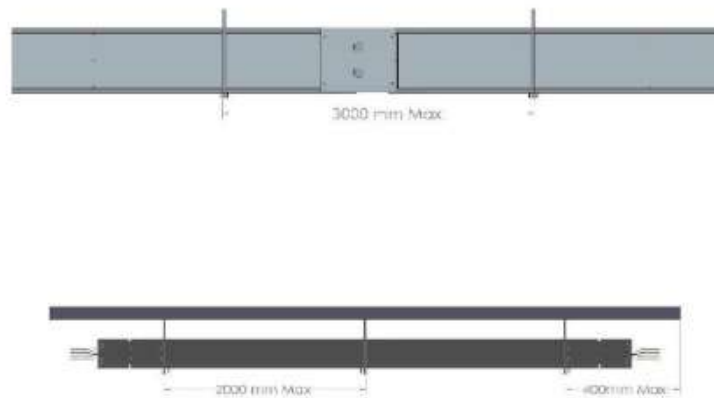
General Rules

Follow these general rules for installing supports:

- No run component must be left unsupported.
- For easier leveling, always use at least two supports for each run component wherever possible.
- The supporting capacity of the support must be at least the weight of the run component plus 90 kg, in accordance with IEC 6-61439.
- Components at the terminal ends of the run must be supported by separate supports. The weight of end components must not be carried by transformers or switchboards.
- Vertical branches must be always supported as close as possible to the elbow angle.
- Elbows and zed units must be supported individually.
- Supports must be installed close to joint blocks. However, a support must never be positioned directly under a joint block

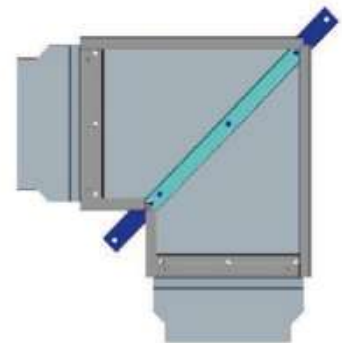
Supports for Edgewise Installation

For edgewise installations, the maximum recommended distance between supports is 3000 mm. In all cases.



Supports for Flatwise

Installation For flatwise installations, the maximum recommended distance between supports is 2000 mm. In addition, a support must be placed at a maximum distance of 400 mm from the joint block axis.

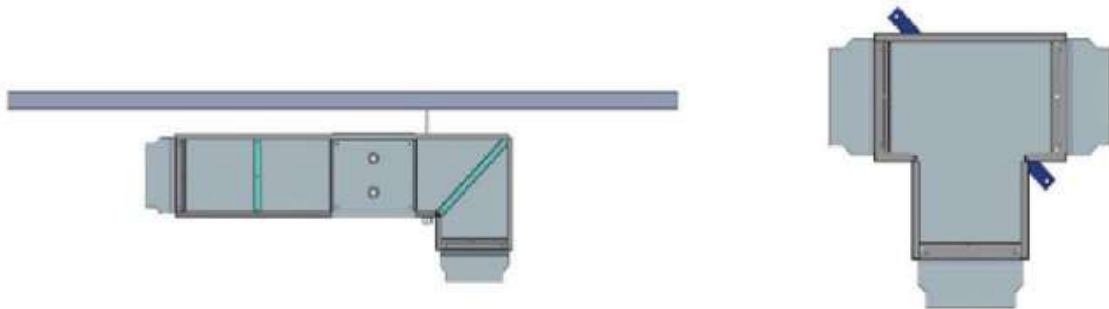


Supports for Elbows

elbows must have a support installed across the elbow angle.

Supports for Tees

Tees must have a support installed across the T-joint.



Supports for Tees

Supports for Edgewise Elbows with a Vertical Branch

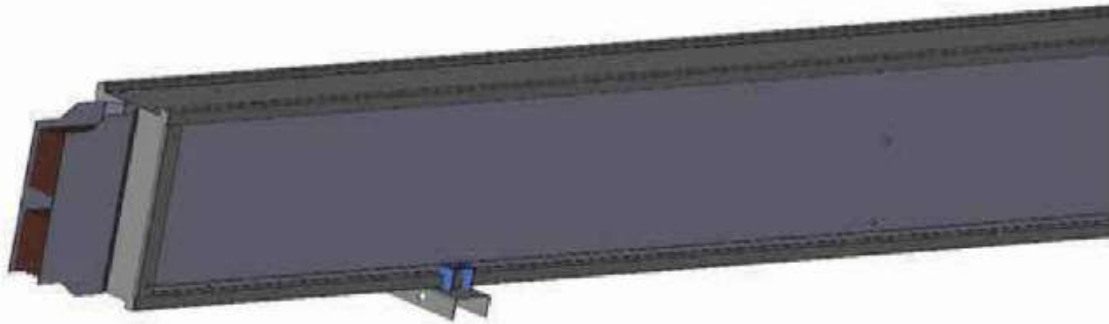
Follow these rules to support LC edgewise elbows with a vertical branch:

Elbows must be supported from the bottom if the distance between the angle and the center of the nearest joint block is greater than 350 mm.

.Supports attached to the wall

Provide support for flatwise run components from the bottom.



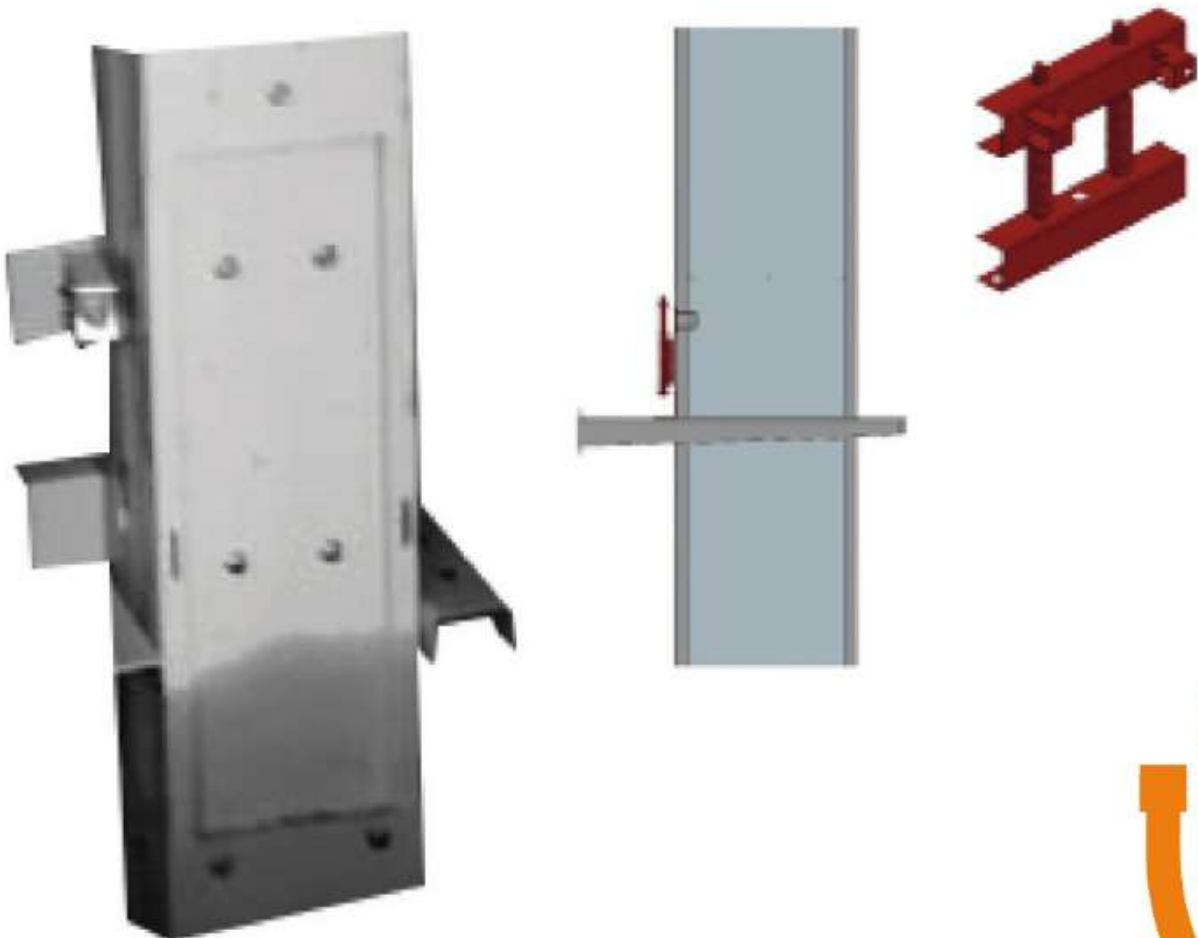


**HOOKE ATTACHED TO THE SUPPORT
FOR EDGEWISE HORIZONTAL INSTALLATION.
KEEP THE BUSBAR TRUNKING IN PLACE
ON ITS SUPPORT WITHOUT BLOCKING IT,
TO ALLOW EXPANSION MOVEMENTS**



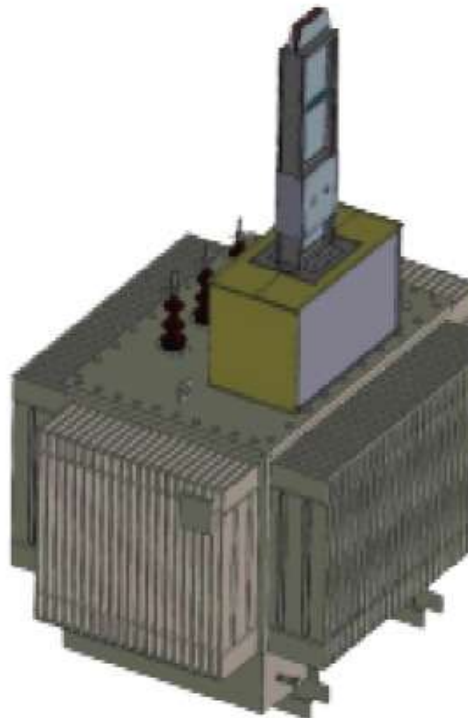
Installation of Vertical Runs

Vertical supports allow run components to be installed vertically and adjusted along the length. The spring allows the run component to remain attached to the wall bracket in case of expansion. Vertical run component installations must always be made from bottom to top.



Connection to Oil-Immersed Transformers

The AMG system can be connected to oil-immersed transformers using either a vertical incomer arrangement or a horizontal incomer arrangement



Connection to Dry-Type Transformers

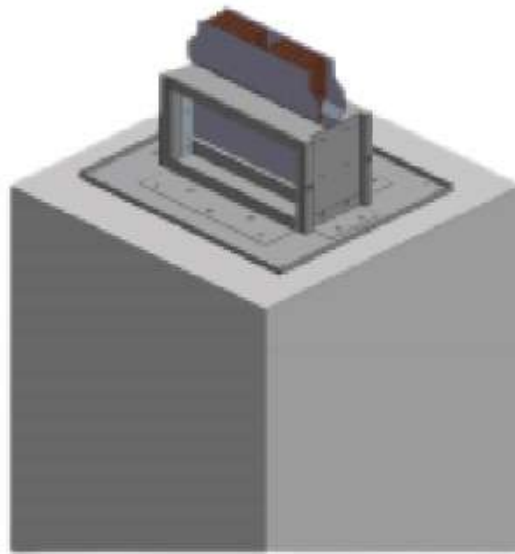
The AMG system can be connected to dry-type transformers using either an edgewise or a flatwise arrangement.

The incoming run component can either be from the side or the center.

Connection to Switchboards

The AMG system can be connected to switchboards in the following ways:

- Directly to the connection bars.
- Using flexible links or connection bars.



Installation of Plug-In Tap-Off Units

Tap-off units are used to connect loads or secondary runs. They comply with installation standards and regulations (IEC 60364) irrespective of the earthing system.

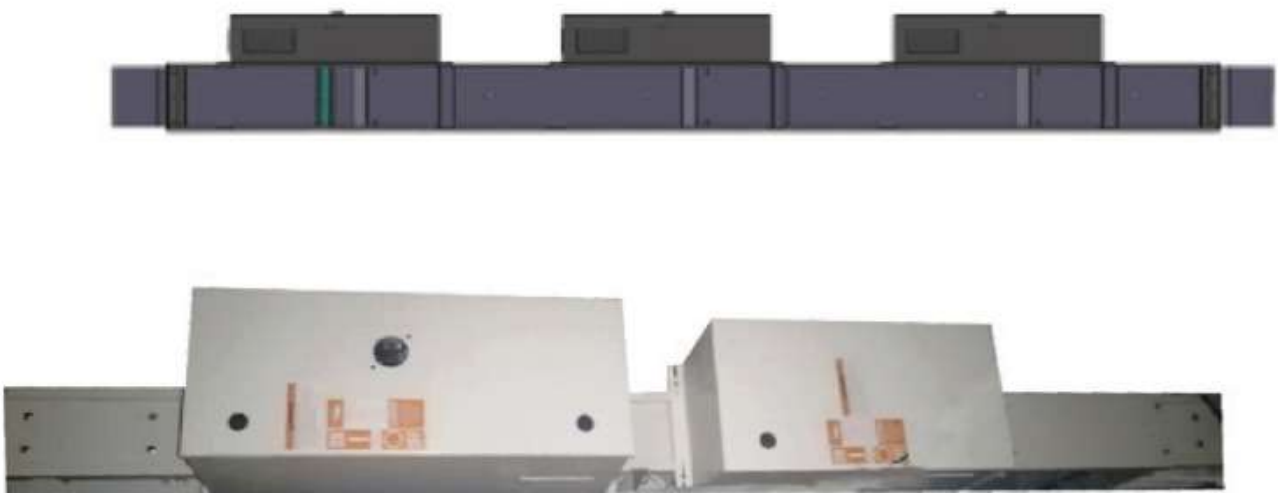
The plug-in tap-off units can be operated and plugged in or unplugged when the AMG system is live.

The plug-in tap-off rating start from 32A to 630A



Installing the Tap-Off Unit with Automatic Clamping System on the Run Component.

The tap-off unit with automatic clamping system is installed on the run component by placing the notches onto the rear pivots and rotating the tap-off unit down onto the run component. The tap-off unit clicks into the disconnected position:



OUR CERTIFICATES





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