

MS double sided busbar

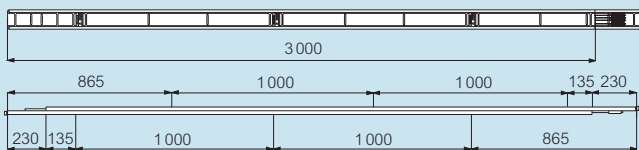
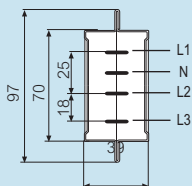
technical information

General features

MS is fully compliant with IEC 61439-6 (BS EN 61439-6). Specifically, the rated current of the Zucchini busbar trunking system is always referred to the average ambient temperature of 40°C (NB : the standard requires 35°C), thus offering the market suitably oversized products

Trunking lengths

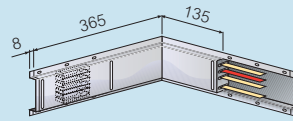
- The components and the features of the MS trunking lengths are :
- a casing made of Senzimir quality galvanised steel, with a sheet-metal thickness that allows its use as the protective earth (PE) and ensures the electrical continuity during mounting with no added accessories
 - section bar dimensions : 39 x 97 mm
 - number of conductors : 4 with the same section 3P + N available for capacities 63 A, 100 A and 160 A
 - separation between the conductors using plastic insulating devices, reinforced with 20% of glass fibres, which ensure a V1 self-extinguishing degree (according to UL94) and are in compliance with the glow-wire test according to IEC 60695-2-10
 - tap-off outlets with a constant centre distance of 1 m on both sides of the busbar (3 + 3 outlets every 3 m), set up for connection to tap-off boxes
 - an electric joint block, with silver-plated copper contacts for automatically connecting live parts and the PE (protective earth) Quick connection between straight lengths. One operation provides an electrical and mechanical connection, whilst at the same time, IP 40 protection is guaranteed. The upgrade to IP 55 is easily achieved by adding joint covers and outlet covers. Flame retardant in compliance with the IEC 60332-3 standard
 - trunking lengths with fire barrier (internal + external) are used when fire-resistant walls need to be passed through. The lengths fitted with a fire barrier have been lab-tested (in accordance with DIN 4102-9 and EN 1366-3) in order to confirm that, if correctly installed, they will maintain the essential fire-resistant features of the wall
 - trunking lengths with thrust unit are provided with a device which blocks the conductors from slipping when supporting the weight of the riser (when installed vertically). This type of length is required for 10 m riser intervals



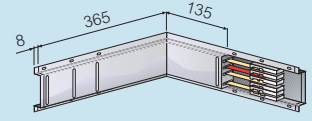
Trunking components

IP 55 (according to BS EN 60529)

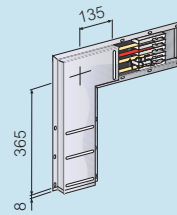
Horizontal elbow - right hand



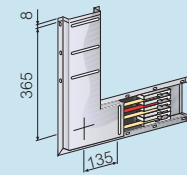
Horizontal elbow - left hand



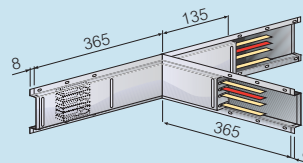
Vertical elbow - right hand



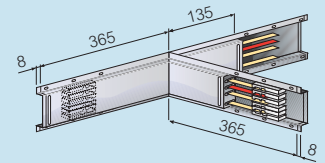
Vertical elbow - left hand



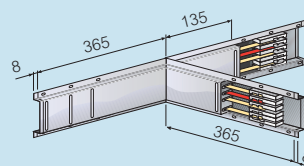
Right hand tees - male



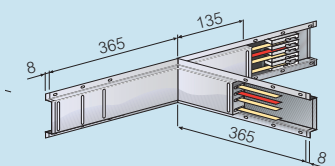
Right hand tees - female



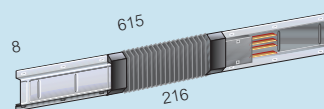
Left hand tees - female



Left hand tees - male



Flexible elbow



Crossovers

