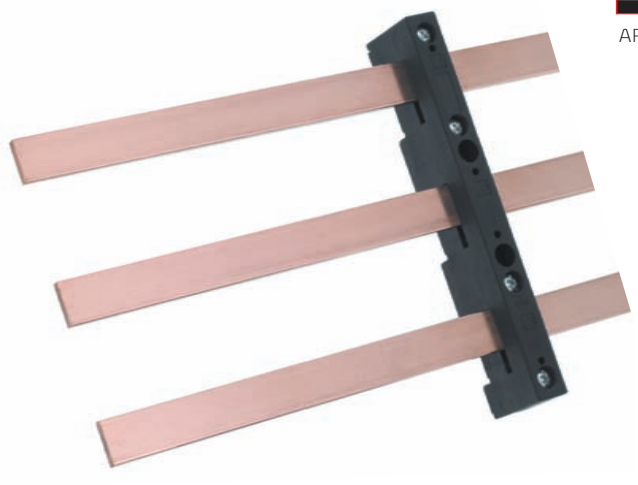
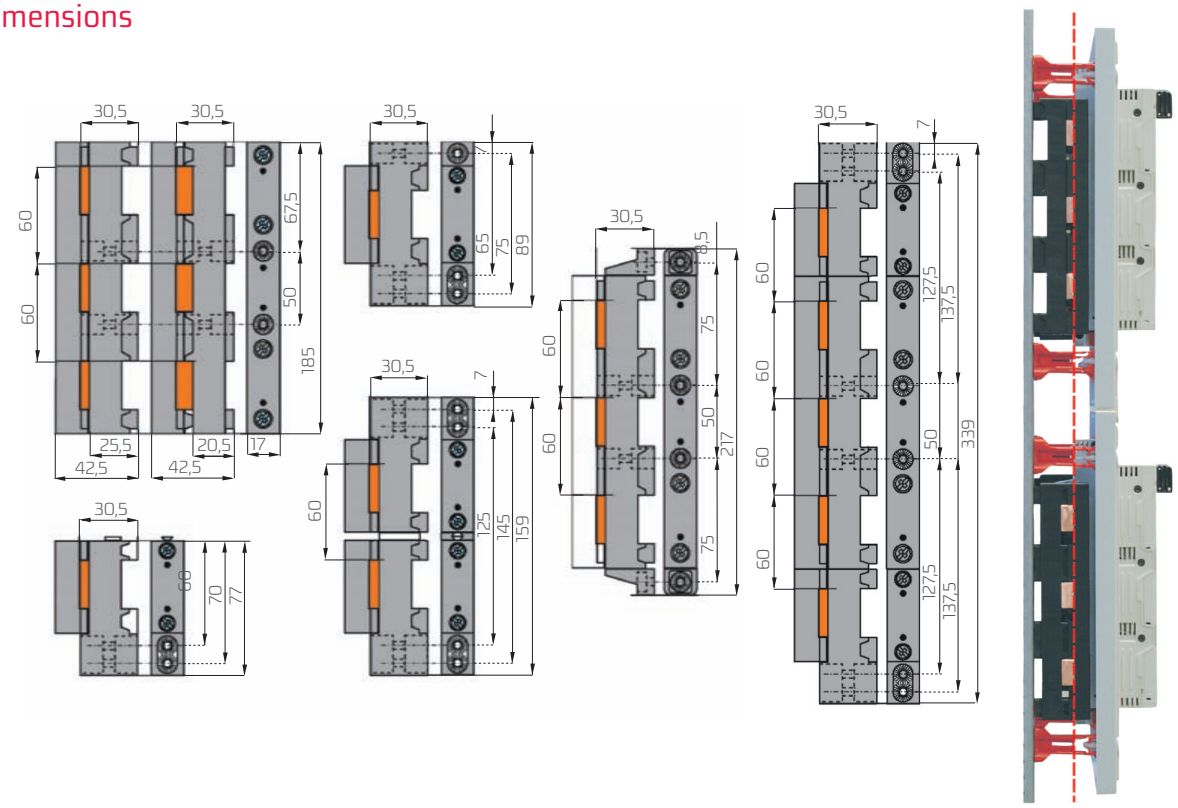
1.1 BUSBAR SUPPORTS for the 60 mm system

APASYS 60

For busbars 12, 15, 20, 25 and 30 mm wide and 5 or 10 mm thick. Extremely versatile: the minimum number of components makes it possible to achieve a very large number of supporting set combinations.



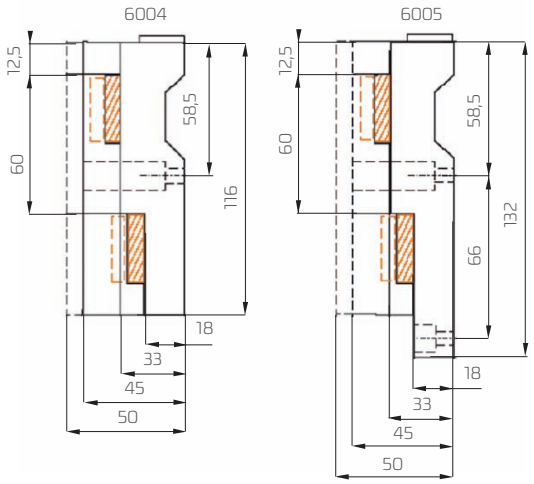
Dimensions

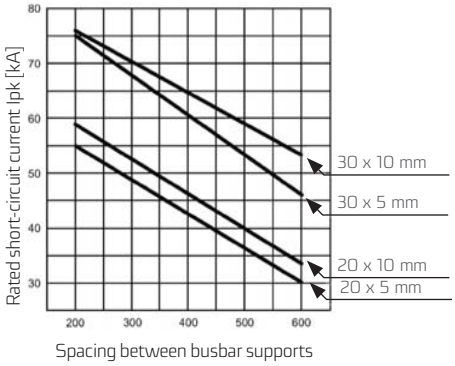


APASYS 60 ACCESSORIES

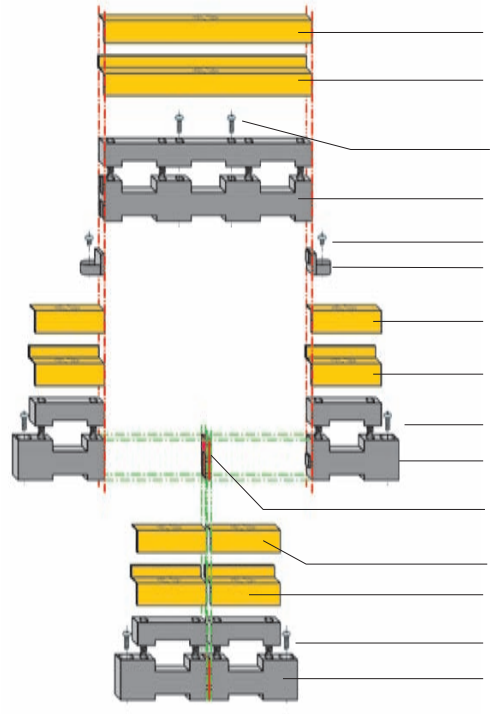
Table 1. Versions

Position	Index no.	Weight [kg]	Package [pcs.]
3-pole, 2 mounting holes inside, washers and screws included	0000106300T	0,121	20
Component included with 0000106300T, with a mounting hole for devices requiring 4 mounting holes, screws included	0000106301T	0,006	10
1-pole, included with 0000106300T or to build a 2-pole support, washers and screws included	0000106302T	0,048	10
1-pole for a single device, washers and screws included	0000106304T	0,056	10
Connector, allows mounting 2 x 0000106302T to receive 2-pole support	0000106307T	0,004	10
3-pole terminal cover, yellow with a warning triangle	0000106303T	0,019	10
3-pole terminal cover, Z type, yellow with a warning triangle	0000106308T	0,024	10
1-pole terminal cover	0000106310T	0,006	10
1-pole terminal cover, Z type	0000106311T	0,007	20
Screw 25 mm	0000106309T	0,004	20
Screw 10 mm	0000106312T	0,002	10
2-pole Busbar support; 1 mounting hole	0000106004T	0,08	10
2-pole Busbar support; 2 mounting holes	0000106005T	0,09	10





Short-circuit resistance diagram according to DIN EN 60439
60 mm busbar system
Rated operating voltage: 690 V, Rated frequency: 50 Hz



0000106303T pole terminal cover

0000106308T 3-pole Z type terminal cover
can also be used as a side cover for the fuse substrcuture
for mounting on a busbar

0000106309T screw 25 mm

0000106300T 3-pole busbar support,
2 mounting holes inside

0000106312T screw 10 mm

0000106301T component included with the mouting hole
for devices requiring 4 mounting holes

0000106310T 1-pole terminal cover

0000106311T 1-pole terminal cover, Z type

0000106309T screw 25 mm

0000106302T busbar support included with the 3-pole support
for the expansion of a 4-pole or 5-pole support

0000106307T connector, allows mounting 2 x 0000106302T
to receive 2-pole support

0000106310T 1-pole terminal cover

0000106311T 1-pole terminal cover Z type

0000106309T screw 25 mm

2 x 0000106302T 2-pole busbar support,
for devices with 2 mounting holes

energy distribution

For the 100 mm and 185 mm system

- Busbar mouting without openings
- Busbar width 30 – 120 mm (185 mm system)
- Busbar width 30 – 60 mm (100 mm system)
- Busbar thickness: 10 mm

Table 2. Technical data

Classification	
Rated operating voltage	1000 V AC
Rated insulation voltage	2000 V AC
Frequency	50 Hz
Flammability	UL 94 V40
Track resistance	CTI 600
Continuous operation	150°
Glowing wire attempt	960°

Dimensions

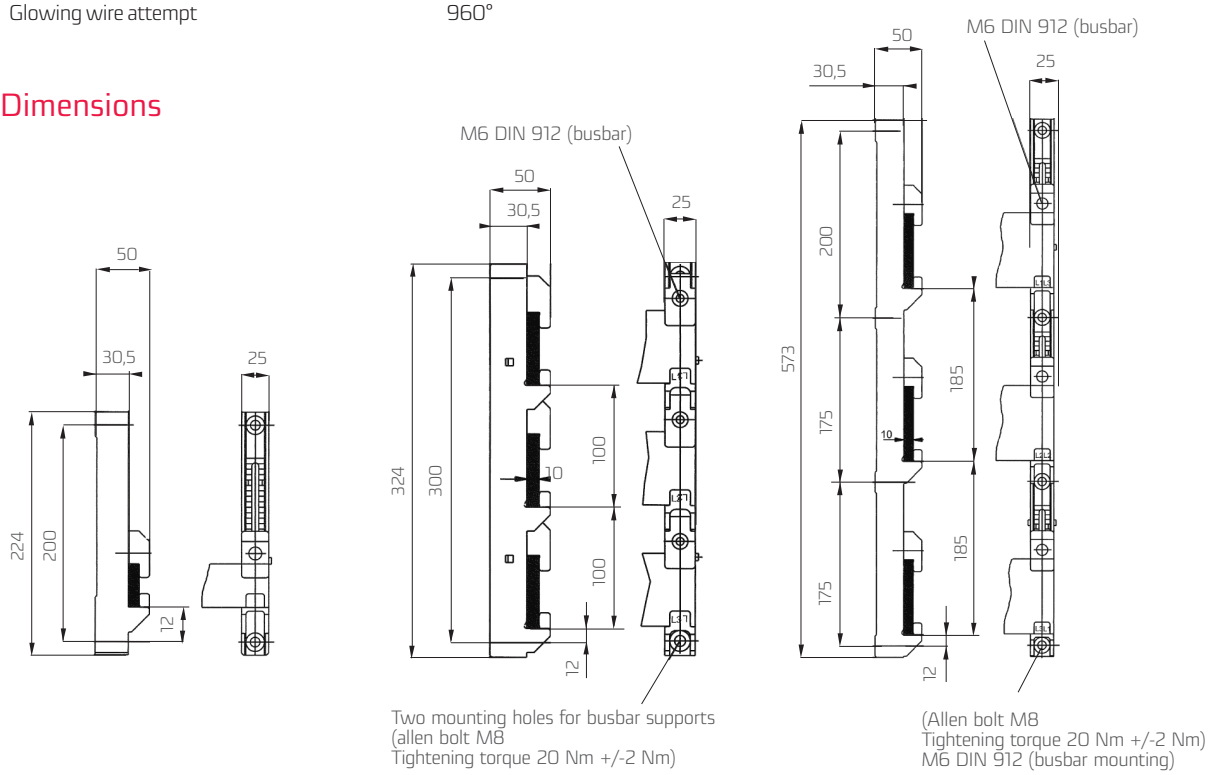


Table 3. Versions

Position	Index no.	Weight [kg]	Package [pcs.]
3-pole busbar support, spacing 100 mm	0000188100T	0,36	1
3-pole busbar support, spacing 185 mm	0000188101T	0,54	1
1-pole busbar support	0000188102T	0,20	1
3-pole terminal cover, spacing 100 mm	0000188103T	0,07	1
3-pole terminal cover, spacing 185 mm	0000188104T	0,12	1

For the 60 mm, 100 mm and 185 mm system

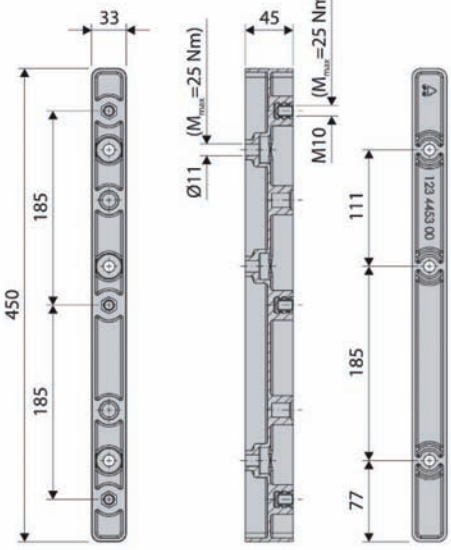
APASYS 60

- The supports are characterised by a robust construction and insulating properties, thanks to which they are used in electrical switchboards as support elements for current busbars.
- The supports allow you to mount a busbar with spacing of 60, 100, 185 mm.
- The body is made of insulating material (polyester reinforced with glass fibre), in which M10 threads are embedded (maximum tightening torque: 25 Nm).

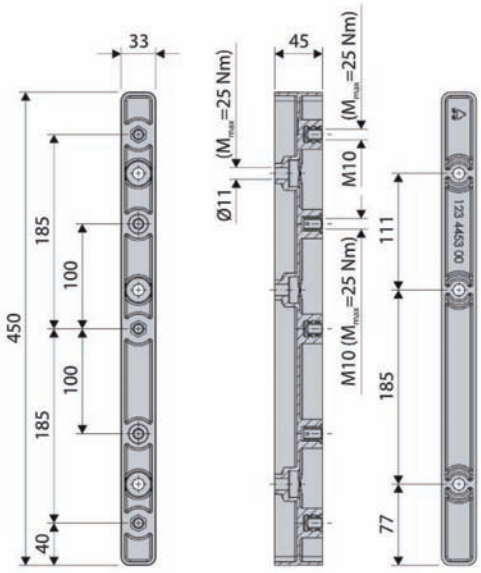
Table 4. Technical data

Classification	
Flammability class	V0
Track resistance	CTI 600
Heat resistance	960°C

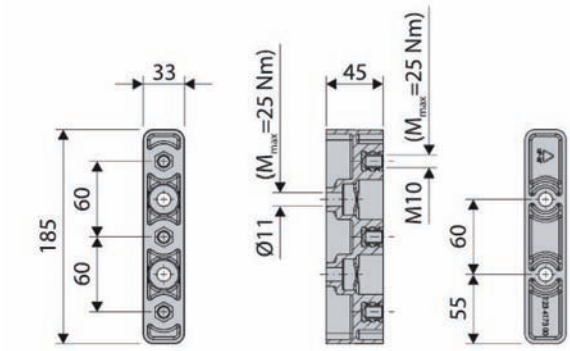
Dimensions



M10 185
0000188105T



M10 185/100
0000188106T



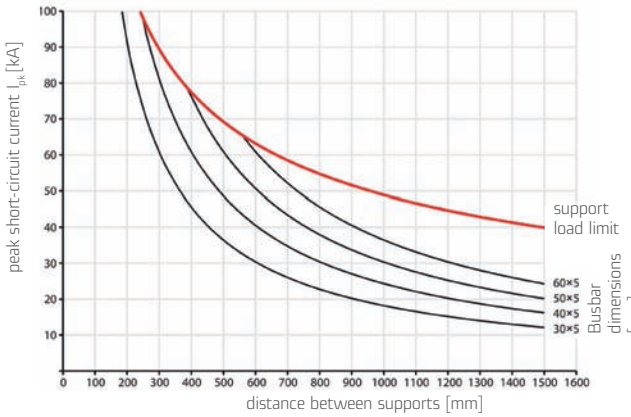
M10 60
0000188107T

energy distribution

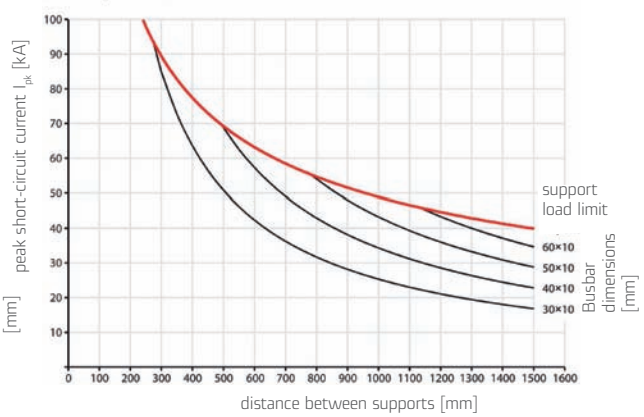
Table 5. Versions

Position	Index no.	Weight [kg]	Package [pcs.]
Busbar spacing 60 mm, 3-pole busbar support, with seated M10 nuts (M10 60)	0000188107T	0,23	1
Busbar spacing 100 mm, 3-pole busbar support, with seated M10 nuts (M10 185/100 mm)	0000188106T	0,48	1
Busbar spacing 185 mm, 3-pole busbar support, with seated M10 nuts (M10 185 mm)	0000188105T	0,46	1

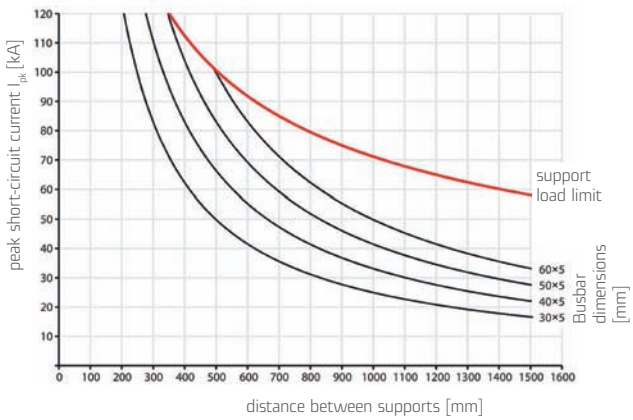
Short-circuit resistance of 5 mm thick busbar depending on the distance between supports (busbar spacing 100 mm)



Short-circuit resistance of 10 mm thick busbar depending on the distance between supports (busbar spacing 100 mm)



Short-circuit resistance of 5 mm thick busbar depending on the distance between supports (busbar spacing 185 mm)



Short-circuit resistance of 10 mm thick busbar depending on the distance between supports (busbar spacing 185 mm)