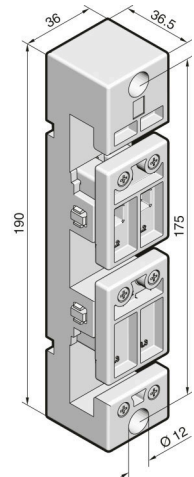
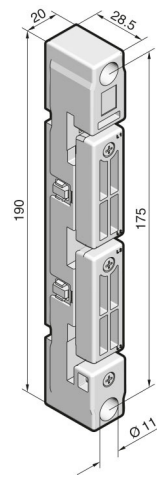
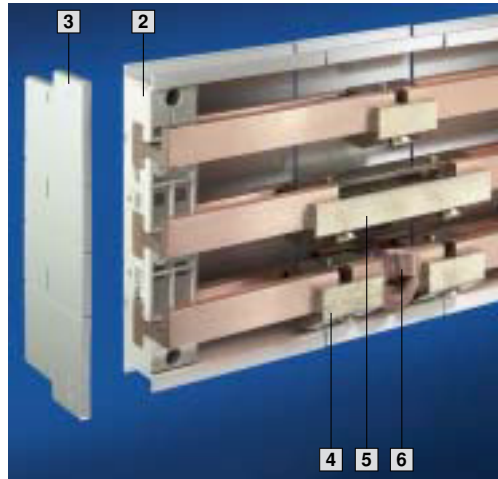


Rittal RiLine60 busbar systems 800/1600 A (60 mm)

PLS busbar supports (3-pole)



1 Rittal PLS 800

2 Rittal PLS 1600

Material:

Polyamide (PA 6.6),
25 % fibreglass-reinforced.
Continuous operating
temperature max. 130°C.
Fire protection corresponding
to UL 94-V0.

Colour:

RAL 7035

Short-circuit protection diagram,

see page 68.

Technical information

for the calculation of rated
currents,
see page 71.

For Rittal system	Packs of	1 PLS 800	2 PLS 1600
Number of poles		3-pole	3-pole
Bar centre distance		60 mm	60 mm
Tightening torque			
● Assembly screw (M6 x 20)		3 – 5 Nm	3 – 5 Nm
● Busbar anti-slip guard		0.7 Nm	0.7 Nm
Model No. SV	4	9341.000	9342.000
Accessories			
3 End covers for contact hazard protection on the sides	2	9341.070	9342.070

PLS special busbars

made from E-Cu

For Rittal system	Packs of	PLS 800	PLS 1600	Page
Cross-section		300 mm ²	900 mm ²	
Bar thickness		5 mm	10 mm	
Length mm	For enclosure width mm	Model No. SV	Model No. SV	
495	600 ¹⁾	3524.000²⁾	3527.000²⁾	
695	800 ¹⁾	3525.000²⁾	3528.000²⁾	
895	1000 ¹⁾	3525.010²⁾	3528.010²⁾	
1095	1200 ¹⁾	3526.000²⁾	3529.000²⁾	
2400	variable	3509.000²⁾	3516.000²⁾	
Accessories				
4 PLS busbar connector (single connection)	3	3504.000	3514.000	64
5 PLS busbar connector (bayed connection) ³⁾	3	3505.000	3515.000	64
6 PLS expansion connectors ⁴⁾	3	9320.060	9320.070	65

¹⁾ For Rittal TS 8/ES enclosure systems.

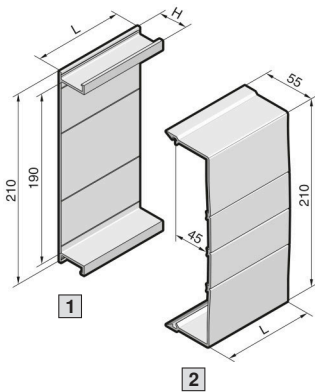
²⁾ To order tin-plated version, please add extension .2X0 to the Model No. Delivery times available on request.

³⁾ From enclosure to enclosure.

⁴⁾ Two PLS rail connectors (single connection) are required to fit one expansion connector.

Rittal RiLine60 busbar systems 800/1600 A (60 mm)

System components (3-pole)



1 Base tray

For rear contact hazard protection of the PLS busbar assembly.

Length (L) mm	Packs of	Model No. SV For system	
		PLS 800	PLS 1600
500	2	9341.100	9342.100
700	2	9341.110	9342.110
900	2	9341.120	9342.120
1100	2	9341.130	9342.130
Height (H) mm		32	43

2 Cover section

May be cut to length individually, for clip-on mounting to the base tray for PLS system 800 A and 1600 A.

Length (L) mm	Packs of	Model No. SV
700	2	9340.200
1100	2	9340.210

Base tray and cover section

Material:

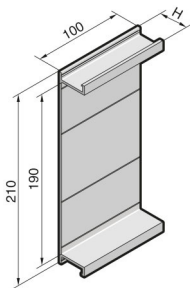
Thermally modified hard PVC.
Continuous operating temperature max. 91°C.
Fire protection corresponding to UL 94-V0.

Colour:

RAL 7035

Note:

If the cover section is mounted from the front, the support panel (SV 9340.220) is needed for stability.



Base tray infill

For rear contact hazard protection when connecting the busbars from enclosure to enclosure.

Material:

Thermally modified hard PVC.
Continuous operating temperature max. 91°C.
Fire protection corresponding to UL 94-V0.

Colour:

RAL 7035

For system	Height (H) mm	Packs of	Model No. SV
PLS 800	32	2	9341.140
PLS 1600	43	2	9342.140

Supply includes:

Assembly parts.



Base tray reinforcement

For clipping into the base tray. Required when using OT adaptors or supports, see page 26/27 and 29.

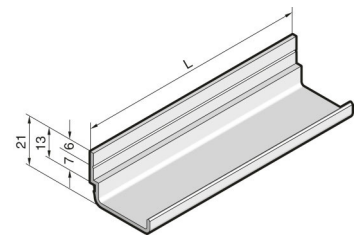
Material:

Aluminium

Note:

Self-tapping screws (Model No. SZ 2487.000) for attaching the base tray reinforcement to the mounting level, see Rittal main catalogue.

Length (L) mm	Packs of	Model No. SV For system	
		PLS 800	PLS 1600
500	2	9341.150	9342.150
1000	2	9341.160	9342.160



Support panel for cover section

To prevent side access to the cover section. The support panel also provides additional stability.

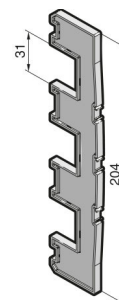
Material:

Polyamide (PA 6.6).
Continuous operating temperature max. 105°C.
Fire protection corresponding to UL 94-V0.

Colour:

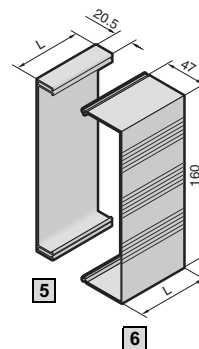
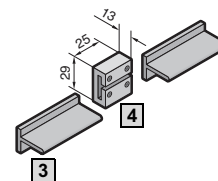
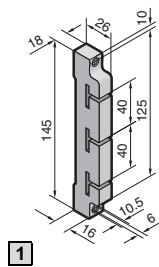
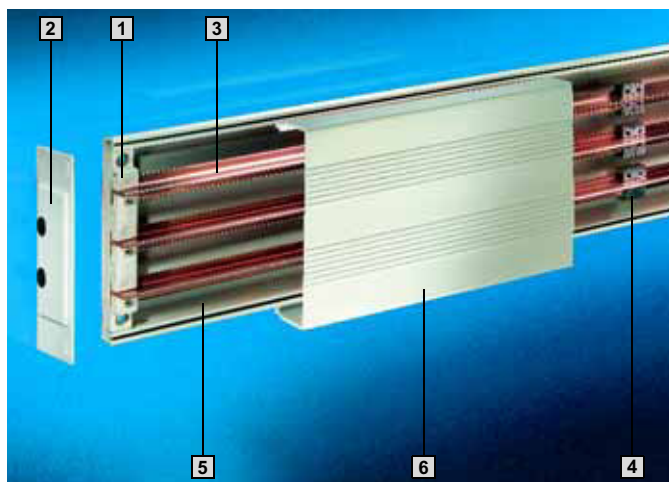
RAL 7035

Packs of	Model No. SV
5	9340.220



Busbar systems up to 250 A (40 mm)

Mini-PLS busbar supports (3-pole)



B
2.1

Busbar systems up to 250 A (40 mm)

Material:
Polyamide (PA 6.6),
30 % fibreglass-reinforced.
Continuous operating
temperature max. 140°C.
Fire protection corresponding
to UL 94-V0.

Colour:
RAL 7035

**Short-circuit protection
diagram,**
see page 1228.

Design	Packs of	1
Number of poles		3-pole
Bar centre distance		40 mm
Model No. SV	4	9600.000
Accessories		
2 End covers for contact hazard protection on the sides	2	9610.000

3 Mini-PLS special busbars

E-Cu 120 mm², 3 mm bar thickness.

Length mm	Packs of	Model No. SV
500	3	9601.000
700	3	9602.000
1100	3	9603.000
1500	3	9624.000
Accessories		
4 Busbar connectors for connecting the busbars; no drilling required	3	9611.000¹⁾

¹⁾ Maximum tightening torque 2 Nm.

5 Mini-PLS base tray sections

For rear contact hazard protection of the Mini-PLS assembly.

Length (L) mm	Packs of	Model No. SV
250	1	9604.000
500	1	9605.000
700	1	9606.000
1100	1	9607.000

6 Mini-PLS cover sections

May be cut to length individually; for clip-on mounting onto the Mini-PLS base tray section.

Length (L) mm	Packs of	Model No. SV
250	1	9608.000
500	1	9609.000

Material

Base tray and cover sections:

Thermally modified hard PVC.
Continuous operating temperature max. 91°C.
Fire protection corresponding to UL 94-V0.

Colour:
RAL 7035