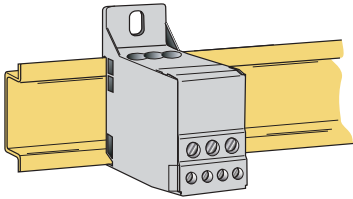
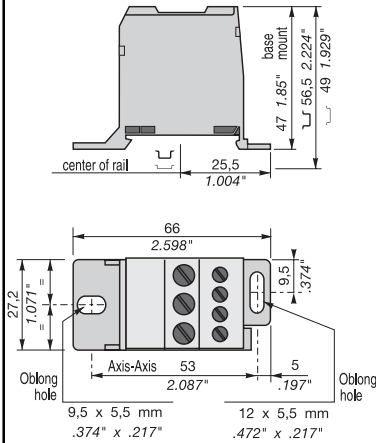


**Single pole distribution block**

 **DIN 3**






**BRU 80 A**




Three holes on unit top allow wire entry from top or bottom.

Rail (DIN 3) or base mount with 2 x M5 screws. Unit may be mounted horizontally or vertically.

Finger contact protection IP20.

- BADH** th. 12 mm **0116 900.27**
- BAM** th. 9,1mm **0103 002.26**
- BADL** th. 9,0 mm **0199 408.02**
- Other end stops : See Accessories section*
- PR30**  35 x 7,5 x 1 **0173 220.05**
- PR4**  35 x 15 x 2,3 **0168 500.12**
- PR5**  35 x 15 x 1,5 **0101 598.26**
- Other rails : See Accessories section*
- Other accessories : See Accessories section*

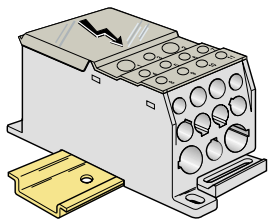
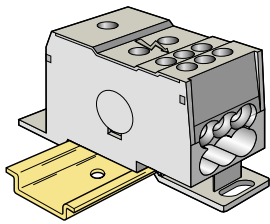
											
Type	P/N	Type	P/N	Type	P/N	Type	P/N	Type	P/N		
Grey body											
<b>BRU 80 A</b>	<b>0356 208.25</b>										
Characteristics	IEC	UL	CSA	IEC	UL	CSA	IEC	UL	CSA		
Rated voltage	690 V	600 V	600 V								
Rated current	80 A	80 A	80 A								
Input/output wire size, max.	3 x 16 mm <sup>2</sup>	3 x 4 AWG	3 x 4 AWG								
Input/output recommended torque	1.5 Nm	13 lb. in	13 lb. in								
Output wire size, with or without ferrule	4 x 2.5 to 6 mm <sup>2</sup>	4 x 14 to 10 AWG	4 x 14 to 10 AWG								
Output recommended torque	0.8 Nm	7 lb. in	7 lb. in								
Screwdriver	Posidriv Z2 or flat										
Weight				Weight				Weight			
	73 gr										
	0.16 lb										
Accessories	Type	P/N	Type	P/N	Type	P/N	Type	P/N			
<b>1</b> Jumper bar	Coupling with wire										





### Single pole distribution blocks

DIN 3



<b>BADH</b>	th. 12 mm	<b>0116 900.27</b>
<b>BAM</b>	th. 9,1mm	<b>0103 002.26</b>
<b>BADL</b>	th. 9,0 mm	<b>0199 408.02</b>
Other end stops : See Accessories section		
<b>PR30</b>	35 x 7,5 x 1	<b>0173 220.05</b>
<b>PR4</b>	35 x 15 x 2,3	<b>0168 500.12</b>
<b>PR5</b>	35 x 15 x 1,5	<b>0101 598.26</b>
Other rails : See Accessories section		
Other accessories : See Accessories section		

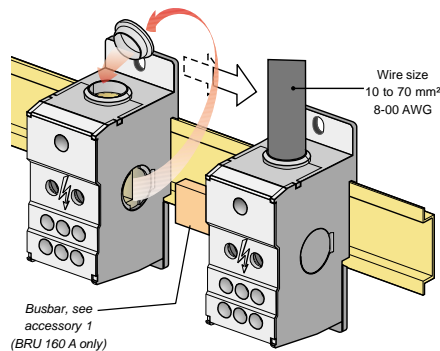
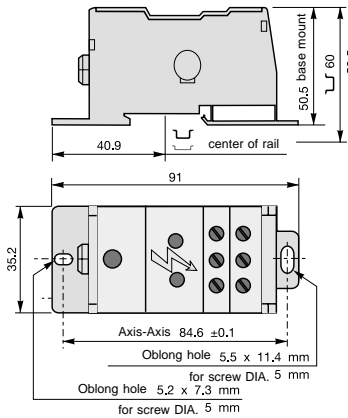
### Characteristics

Rated voltage	600 V	600 V	600 V
Rated current	160 A	160 A	160 A
Input min. wire size	10 mm <sup>2</sup>	8AWG	8AWG
Input max. wire size	70 mm <sup>2</sup>	00AWG	00AWG
Recommended torque	4 Nm	35 lb.in	35 lb.in
Allen key	6 flats/5 mm	6 flats/5 mm	6 flats/5 mm
Outputs wire size with ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG
Outputs wire size without ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG
Recommended torque	2 Nm	17.6 lb.in	17.6 lb.in
Outputs wire size with/without ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG
Recommended torque	2 Nm	18 lb.in	18 lb.in
Outputs wire size with or without ferrule	4 x 2,5 to 10 mm <sup>2</sup>	4x14AWG to 8AWG	4x14AWG to 8AWG
Recommended torque	2 Nm	18 lb.in	18 lb.in

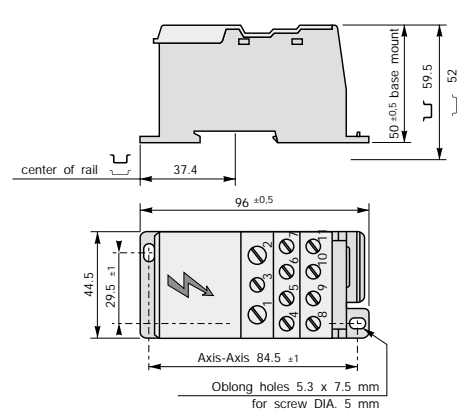
### Accessories

<b>1</b>	Busbar	16 x 5 mm	160 A
----------	--------	-----------	-------

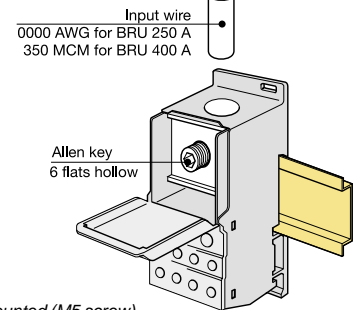
### BRU 160 A



### BRU 250 A



All dimensions in millimeters



Rail (DIN 3) or base mounted (M5 screw)  
Color : grey

### BRU 400 A

CE			UL			CE			UL		
Type	P/N		Type	P/N		Type	P/N		Type	P/N	
Grey body			Grey body			Grey body			Grey body		
<b>BRU 160 A</b>		copper aluminum <b>0356 200.21</b>	<b>BRU 250 A</b>		copper aluminum <b>0179 657.15</b>	<b>BRU 400 A</b>		copper aluminum <b>0179 650.22</b>			
<b>IEC</b>		<b>UL</b>	<b>CSA</b>	<b>IEC</b>		<b>UL</b>	<b>CSA</b>	<b>IEC</b>		<b>UL</b>	<b>CSA</b>
Rated voltage	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V
Rated current	160 A	160 A	160 A	250 A	230 A	230 A	230 A	400 A	310 A	310 A	310 A
Input min. wire size	10 mm <sup>2</sup>	8AWG	8AWG	35 mm <sup>2</sup>	2AWG	2AWG	2AWG	95 mm <sup>2</sup>	000AWG	000AWG	000AWG
Input max. wire size	70 mm <sup>2</sup>	00AWG	00AWG	120 mm <sup>2</sup>	0000 AWG	0000 AWG	0000 AWG	185 mm <sup>2</sup>	350 MCM	350 MCM	350 MCM
Recommended torque	4 Nm	35 lb.in	35 lb.in	19 Nm	170 lb.in	170 lb.in	170 lb.in	25 Nm	230 lb.in	230 lb.in	230 lb.in
Allen key	6 flats/5 mm	6 flats/5 mm	6 flats/5 mm	6 flats/6 mm	6 flats/6 mm	6 flats/6 mm	6 flats/6 mm	6 flats/8 mm	6 flats/8 mm	6 flats/8 mm	6 flats/8 mm
Outputs wire size with ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG	2 x 2,5 to 25 mm <sup>2</sup>	2x14AWG to 4AWG	2x14AWG to 4AWG	2x14AWG to 4AWG	2 x 2,5 to 25 mm <sup>2</sup>	2x14AWG to 4AWG	2x14AWG to 4AWG	2x14AWG to 4AWG
Outputs wire size without ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG	2 x 2,5 to 35 mm <sup>2</sup>	2x14AWG to 2AWG	2x14AWG to 2AWG	2x14AWG to 2AWG	2 x 2,5 to 35 mm <sup>2</sup>	2x14AWG to 2AWG	2x14AWG to 2AWG	2x14AWG to 2AWG
Recommended torque	2 Nm	17.6 lb.in	17.6 lb.in	3.5 Nm	31 lb.in	31 lb.in	31 lb.in	3.5 Nm	31 lb.in	31 lb.in	31 lb.in
Outputs wire size with/without ferrule	6 x 2,5 to 16 mm <sup>2</sup>	14 AWG to 6 AWG	14 AWG to 6 AWG	5 x 2,5 to 16 mm <sup>2</sup>	5x14AWG to 6AWG	5x14AWG to 6AWG	5x14AWG to 6AWG	5 x 2,5 to 16 mm <sup>2</sup>	5x14AWG to 6AWG	5x14AWG to 6AWG	5x14AWG to 6AWG
Recommended torque	2 Nm	18 lb.in	18 lb.in	2 Nm	18 lb.in	18 lb.in	18 lb.in	2 Nm	18 lb.in	18 lb.in	18 lb.in
Outputs wire size with or without ferrule	4 x 2,5 to 10 mm <sup>2</sup>	4x14AWG to 8AWG	4x14AWG to 8AWG	4 x 2,5 to 10 mm <sup>2</sup>	4x14AWG to 8AWG	4x14AWG to 8AWG	4x14AWG to 8AWG	4 x 2,5 to 10 mm <sup>2</sup>	4x14AWG to 8AWG	4x14AWG to 8AWG	4x14AWG to 8AWG
Recommended torque	2 Nm	18 lb.in	18 lb.in	2 Nm	18 lb.in	18 lb.in	18 lb.in	2 Nm	18 lb.in	18 lb.in	18 lb.in
<b>Weight</b>				<b>Weight</b>				<b>Weight</b>			
234 grams				450 grams				450 grams			
0.516 lb				0.992 lb				0.992 lb			
<b>Type</b>				<b>Type</b>				<b>Type</b>			
<b>BO 16/5</b>	2 poles	<b>0356 201.16</b>									
<b>BO 16/5</b>	3 poles	<b>0356 202.17</b>									
<b>BO 16/5</b>	4 poles	<b>0356 203.10</b>									
Busbar/Jumper Bar - to increase number of available outputs. Copper bar (max. cross section 16 x 5 mm) inserted between 2 (2-pole), 3 (3-pole), or 4 (4-pole) distribution blocks multiplies number of outputs. Side insulating cap is removed. Only available for BRU 160 A distribution block.											



Low Voltage Products & Systems

ABB Inc.  
1206 Hatton Road  
Wichita Falls, TX 76302  
Tel. 888-385-1221  
940-397-7000  
Fax 940-397-7085  
Web [www.abb-control.com](http://www.abb-control.com)

AC 1061  
March, 2001