

Control and distribution boxes made of stainless steel

Series 8150 made of Stainless Steel

STAHL



- Ex e control boxes made of stainless steel that can be individually equipped
- The cover is either equipped with a hinge (large opening angle, 130°) and cam lock or with a screw-on cover
- Numerous standard sizes in stock

E4

MY R. STAHL 8150B



R. STAHL Series 8150 control and distribution boxes are made of brush-finished stainless steel (1.4301, AISI 304 or 1.4404, AISI 316L) and are extremely robust: High-quality seal materials make them suitable for an extended temperature range, while a circumferential protection channel prevents water ingress. A flange plate simplifies mounting.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table										
Enclosure material		Stainless steel 1.4301, (AISI 304), brush finished								
Cover fixing type		Cam lock, With side A hinge								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
400 mm	15.748 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0400-230-2321	206607	17.8 kg
600 mm	23.622 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0600-0600-230-2321	206621	31.2 kg
760 mm	29.921 in	760 mm	29.921 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0760-0760-300-2321	206627	41.9 kg
800 mm	31.496 in	1600 mm	62.992 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0800-1600-300-2321	206655	82.4 kg
Enclosure material		Stainless steel 1.4301, (AISI 304), brush finished								
Cover fixing type		With captive screws								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
176.5 mm	6.945 in	116.5 mm	4.587 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0176-0116-091-2311	206541	1.79 kg
360 mm	14.173 in	176.5 mm	6.945 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0360-0176-150-2311	206555	5.06 kg
360 mm	14.173 in	360 mm	14.173 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0360-0360-150-2311	206559	9.3 kg
400 mm	15.748 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0400-230-2311	206571	10.9 kg
600 mm	23.622 in	600 mm	23.622 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0600-0600-150-2311	206583	18.9 kg
600 mm	23.622 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0600-0600-230-2311	206585	19.4 kg
787 mm	30.984 in	480 mm	18.898 in	230 mm	9.055 in	2 mm	0.079 in	8150/5-0787-0480-230-2311	206595	18.3 kg

Selection Table										
Enclosure material		Stainless steel 1.4404, (AISI 316L), brush finished								
Cover fixing type		Cam lock, With cont. hinge side A								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
200 mm	7.874 in	300 mm	11.811 in	150 mm	5.906 in	3 mm	0.118 in	8150/5-0200-0300-150-6341	257948	5.97 kg
Enclosure material		Stainless steel 1.4404, (AISI 316L), brush finished								
Cover fixing type		Cam lock, With side A hinge								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
300 mm	11.811 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0300-0400-230-3321	206604	22.6 kg
360 mm	14.173 in	360 mm	14.173 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0360-0360-150-3321	206638	13.4 kg
400 mm	15.748 in	300 mm	11.811 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0300-230-3321	206598	22.6 kg
400 mm	15.748 in	400 mm	15.748 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0400-0400-150-3321	206606	23.2 kg
400 mm	15.748 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0400-230-3321	206608	17.8 kg
400 mm	15.748 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0600-230-3321	206618	25.7 kg
480 mm	18.898 in	787 mm	30.984 in	230 mm	9.055 in	2 mm	0.079 in	8150/5-0480-0787-230-3321	206630	32.3 kg
600 mm	23.622 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0600-0400-230-3321	206610	25.4 kg
600 mm	23.622 in	600 mm	23.622 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0600-0600-150-3321	206620	23.7 kg
600 mm	23.622 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0600-0600-230-3321	206622	31.1 kg
760 mm	29.921 in	760 mm	29.921 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0760-0760-300-3321	206628	33 kg
800 mm	31.496 in	1000 mm	39.37 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0800-1000-300-3321	206650	53.9 kg
800 mm	31.496 in	1200 mm	47.244 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0800-1200-300-3321	206652	63.4 kg
800 mm	31.496 in	1600 mm	62.992 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-0800-1600-300-3321	206656	82.4 kg
1000 mm	39.37 in	1200 mm	47.244 in	300 mm	11.811 in	2 mm	0.079 in	8150/5-1000-1200-300-3321	206654	77.1 kg
Enclosure material		Stainless steel 1.4404, (AISI 316L), brush finished								
Cover fixing type		With captive screws								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
176.5 mm	6.945 in	116.5 mm	4.587 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0176-0116-091-3311	206542	8.79 kg
176.5 mm	6.945 in	176.5 mm	6.945 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0176-0176-091-3311	206544	2.87 kg
236.5 mm	9.311 in	176.5 mm	6.945 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0236-0176-091-3311	206548	10.6 kg
236.5 mm	9.311 in	176.5 mm	6.945 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0236-0176-150-3311	206550	3.98 kg
360 mm	14.173 in	176.5 mm	6.945 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0360-0176-091-3311	206554	5.13 kg
360 mm	14.173 in	176.5 mm	6.945 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0360-0176-150-3311	206556	5.96 kg
360 mm	14.173 in	360 mm	14.173 in	91 mm	3.583 in	1.5 mm	0.059 in	8150/5-0360-0360-091-3311	206558	7.79 kg
360 mm	14.173 in	360 mm	14.173 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0360-0360-150-3311	206560	15.2 kg
360 mm	14.173 in	360 mm	14.173 in	190 mm	7.48 in	1.5 mm	0.059 in	8150/5-0360-0360-190-3311	206562	9.48 kg

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STAHL
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Selection Table

Enclosure material		Stainless steel 1.4404, (AISI 316L), brush finished								
Cover fixing type		With captive screws								
Width	Width, inches	Height	Height in inches	Depth	Depth in inches	Wall thickness	Wall thickness in inches	Product Type	Art. No.	Weight
360 mm	14.173 in	360 mm	14.173 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0360-0360-230-3311	206775	8.23 kg
400 mm	15.748 in	300 mm	11.811 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0400-0300-150-3311	206566	8.08 kg
400 mm	15.748 in	400 mm	15.748 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0400-0400-150-3311	206570	9.92 kg
400 mm	15.748 in	400 mm	15.748 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0400-230-3311	206572	10.9 kg
400 mm	15.748 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0400-0600-230-3311	206574	15 kg
550 mm	21.654 in	360 mm	14.173 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0550-0360-230-3311	206576	13.4 kg
600 mm	23.622 in	400 mm	15.748 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0600-0400-150-3311	206580	16.4 kg
600 mm	23.622 in	600 mm	23.622 in	150 mm	5.906 in	1.5 mm	0.059 in	8150/5-0600-0600-150-3311	206584	17.1 kg
600 mm	23.622 in	600 mm	23.622 in	230 mm	9.055 in	1.5 mm	0.059 in	8150/5-0600-0600-230-3311	206586	19.4 kg
727 mm	28.622 in	360 mm	14.173 in	91 mm	3.583 in	2 mm	0.079 in	8150/5-0727-0360-091-3311	206780	14.3 kg
727 mm	28.622 in	360 mm	14.173 in	150 mm	5.906 in	2 mm	0.079 in	8150/5-0727-0360-150-3311	206588	17.8 kg
727 mm	28.622 in	360 mm	14.173 in	190 mm	7.48 in	2 mm	0.079 in	8150/5-0727-0360-190-3311	206778	16.8 kg
787 mm	30.984 in	480 mm	18.898 in	230 mm	9.055 in	2 mm	0.079 in	8150/5-0787-0480-230-3311	206596	18.3 kg

Technical Data
Explosion Protection

Area of application	European Union (ATEX) IECEX
IECEX gas explosion protection	Ex eb IIC T6 ... T4 Gb
IECEX dust explosion protection	Ex tb IIIC T80 °C ... T130 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex eb IIC T6 ... T4 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C ... T130 °C Db
Certificates	ATEX (PTB), Brazil (ULB), Canada (FM), Canada (UL), China (NEPSI), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (FM), USA (UL)
Notes	Product label may vary. Series devices are labelled with ATEX and IECEX.

Electrical Data

Rated operational voltage AC	0 ... 1000 V
Rated operational current	0 – 630 A
Notes	Depending on the built-in components.

Ambient Conditions

Ambient temperature	-60 °C ... +40 °C (T6) (T80 °C) -60 °C ... +55 °C (T5) (T95 °C) -60 °C ... +70 °C (T4) (T130 °C)
Ambient temperature	-76 °F ... +104 °F (T6) (T80 °C) -76 °F ... +131 °F (T5) (T95 °C) -76 °F ... +158 °F (T4) (T130 °C)

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
Silicone-free	No
Cover thickness	2 mm
Cover thickness in inches	0.079 in

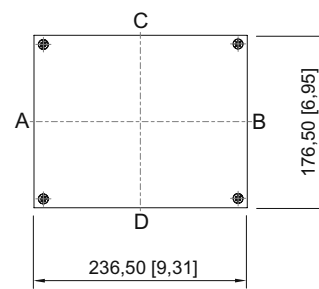
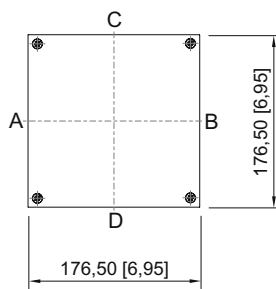
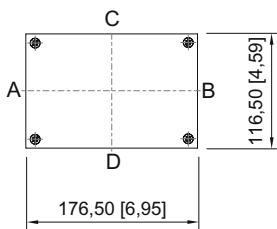
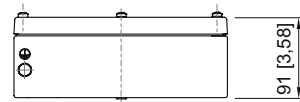
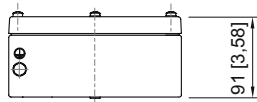
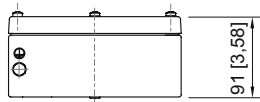
Technical Data

Components

Flange and plates Without flange

For information on accessories and spare parts, please contact your assigned R. STAHL sales partner.

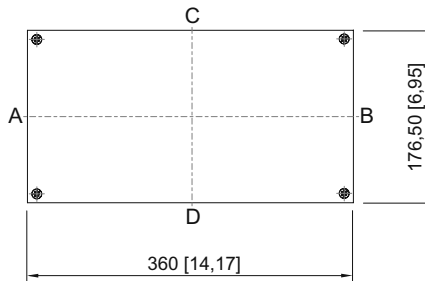
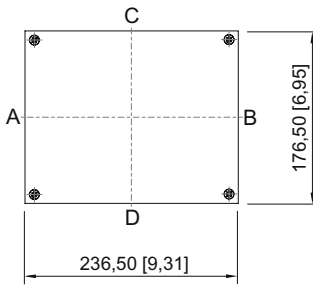
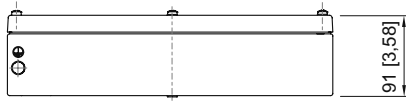
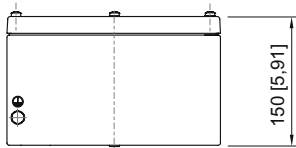
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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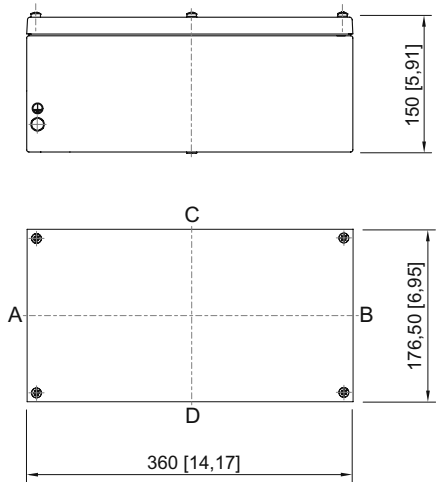
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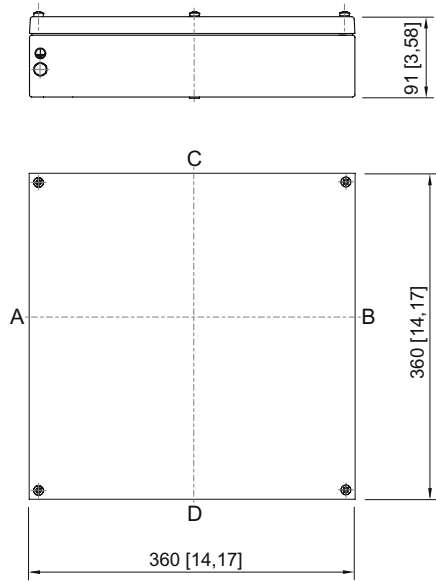


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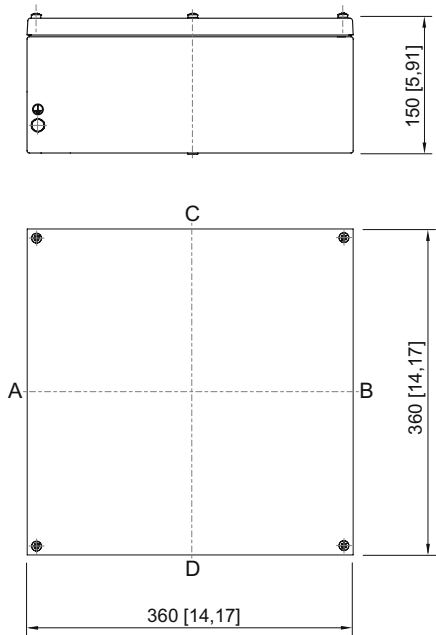
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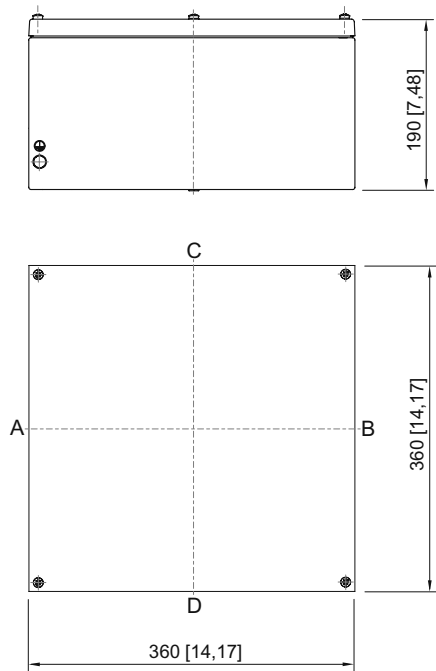
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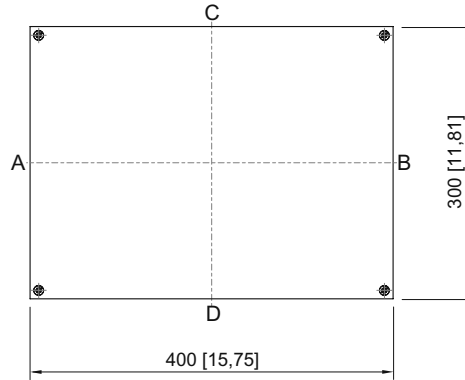
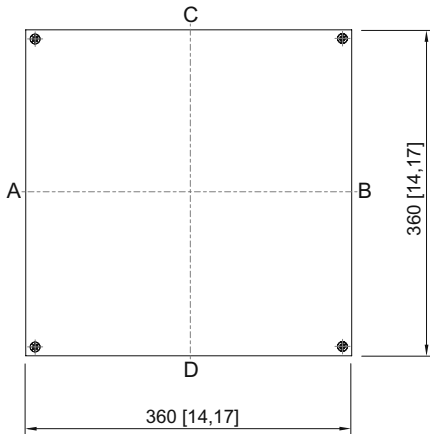
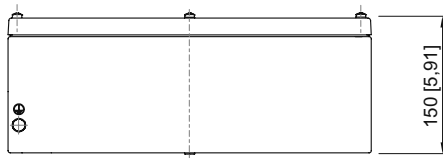
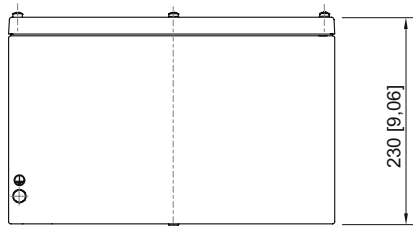


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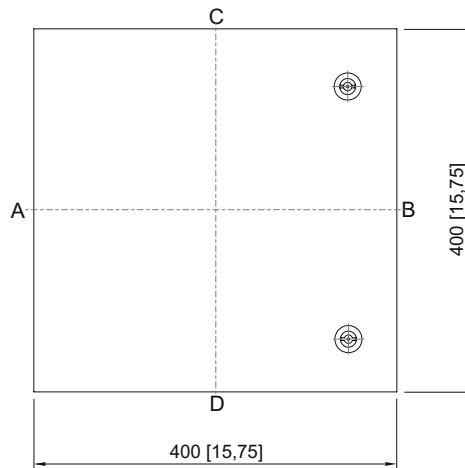
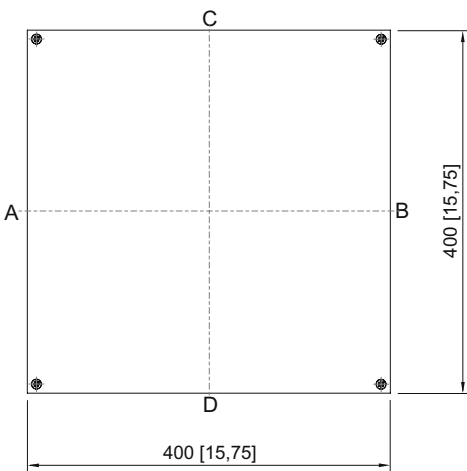
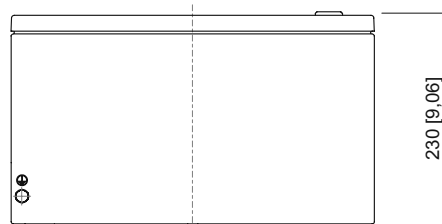
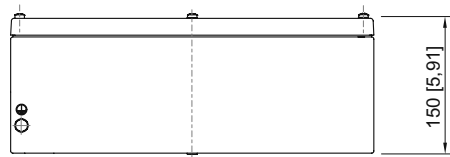
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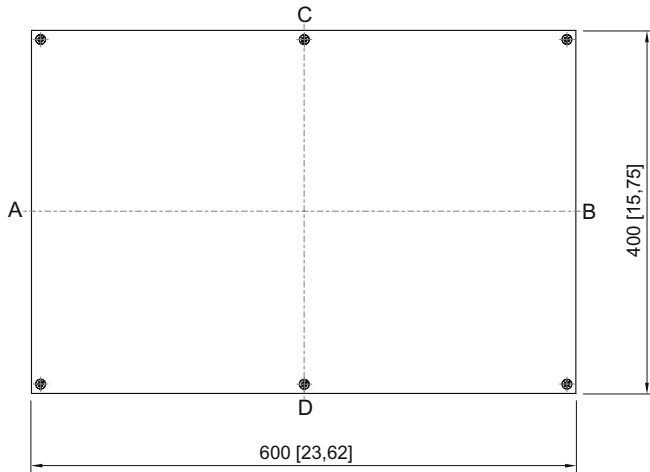
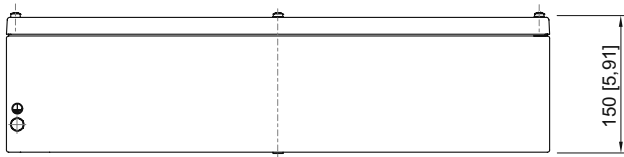
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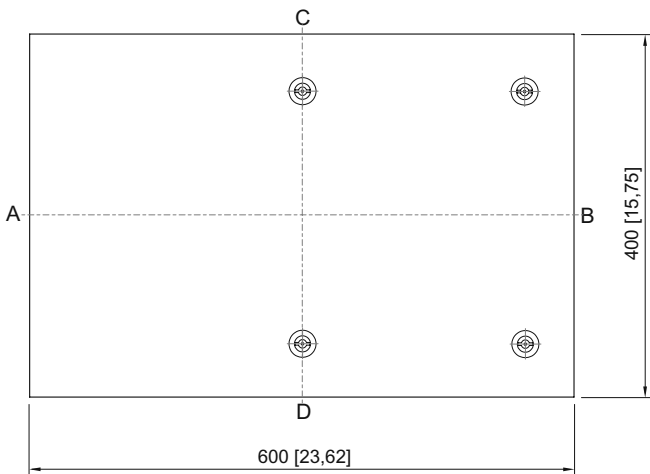
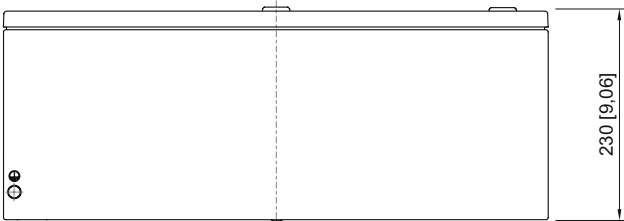
Series 8150 made of Stainless Steel



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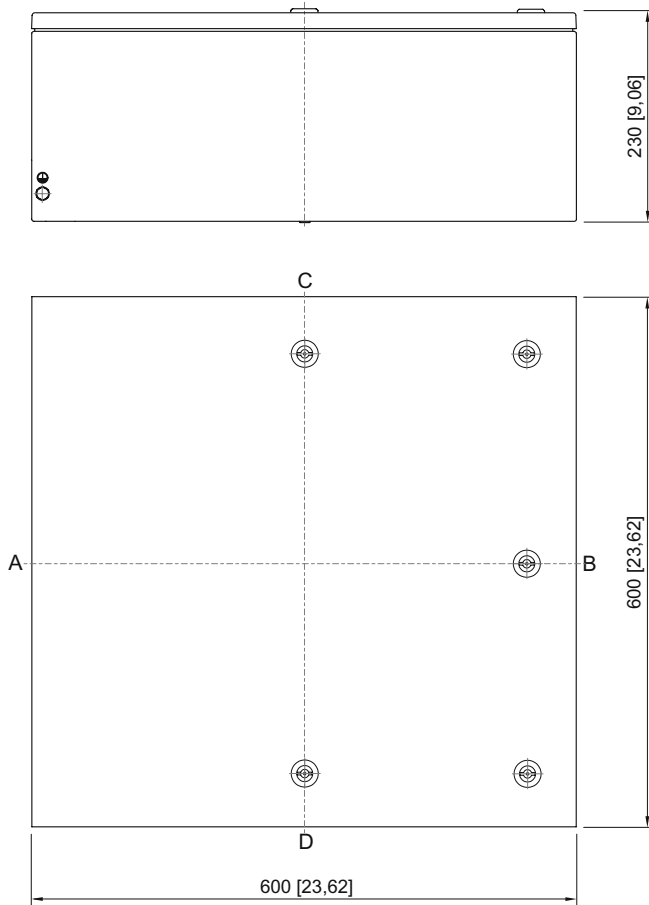


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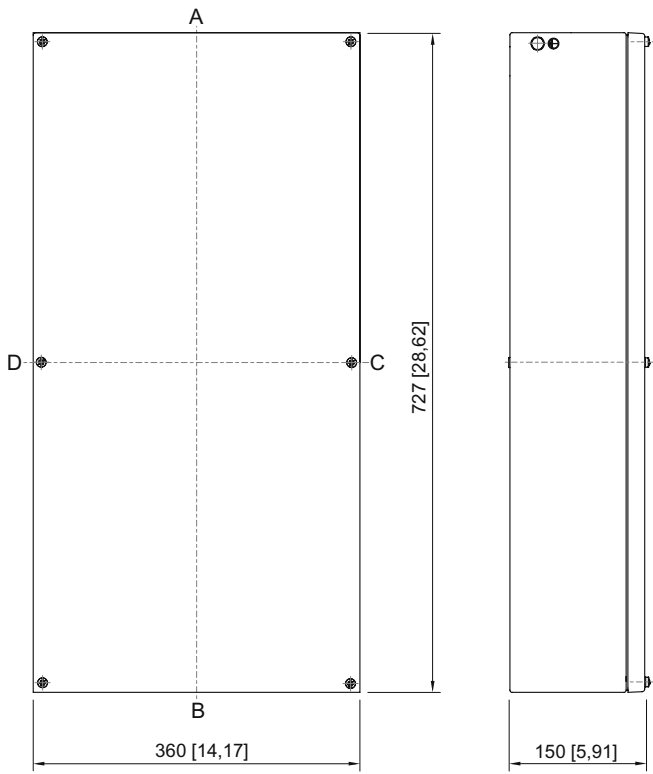


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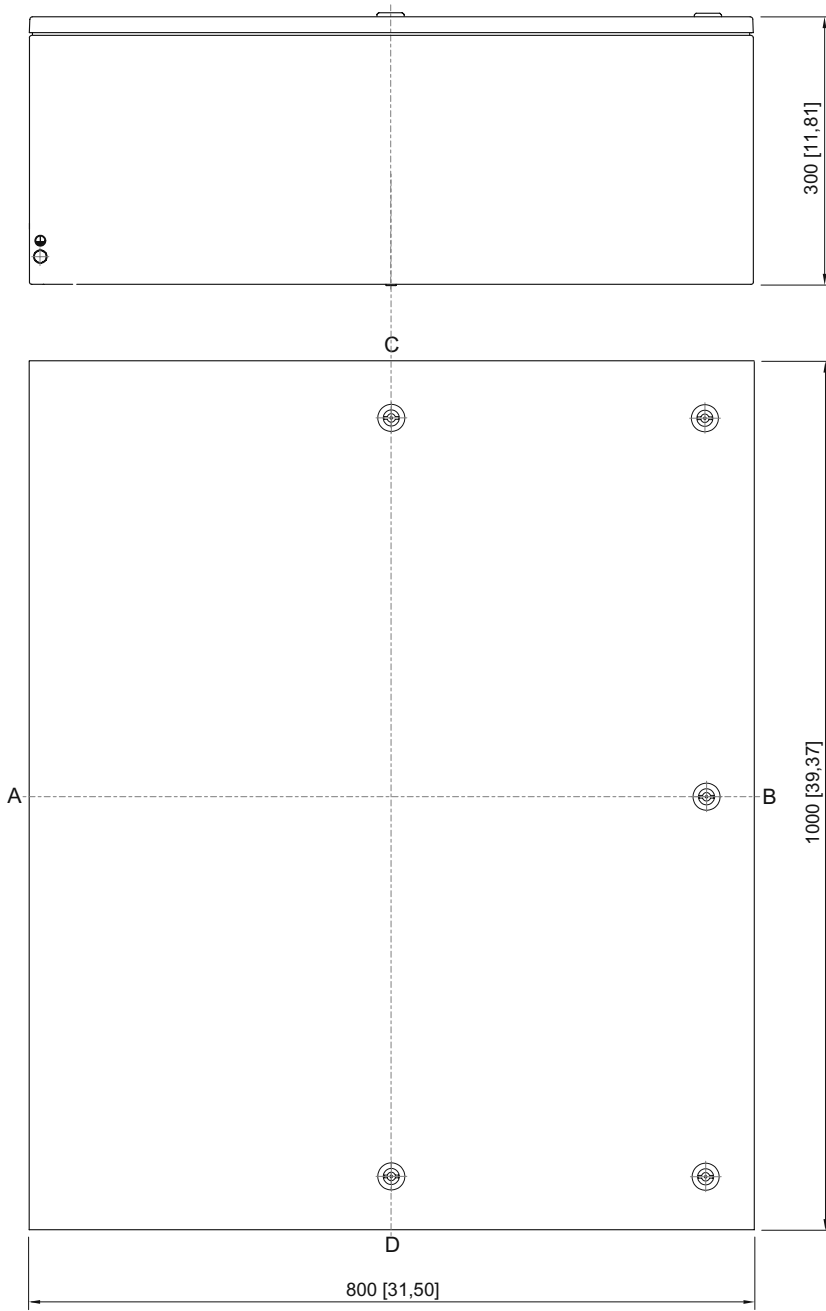


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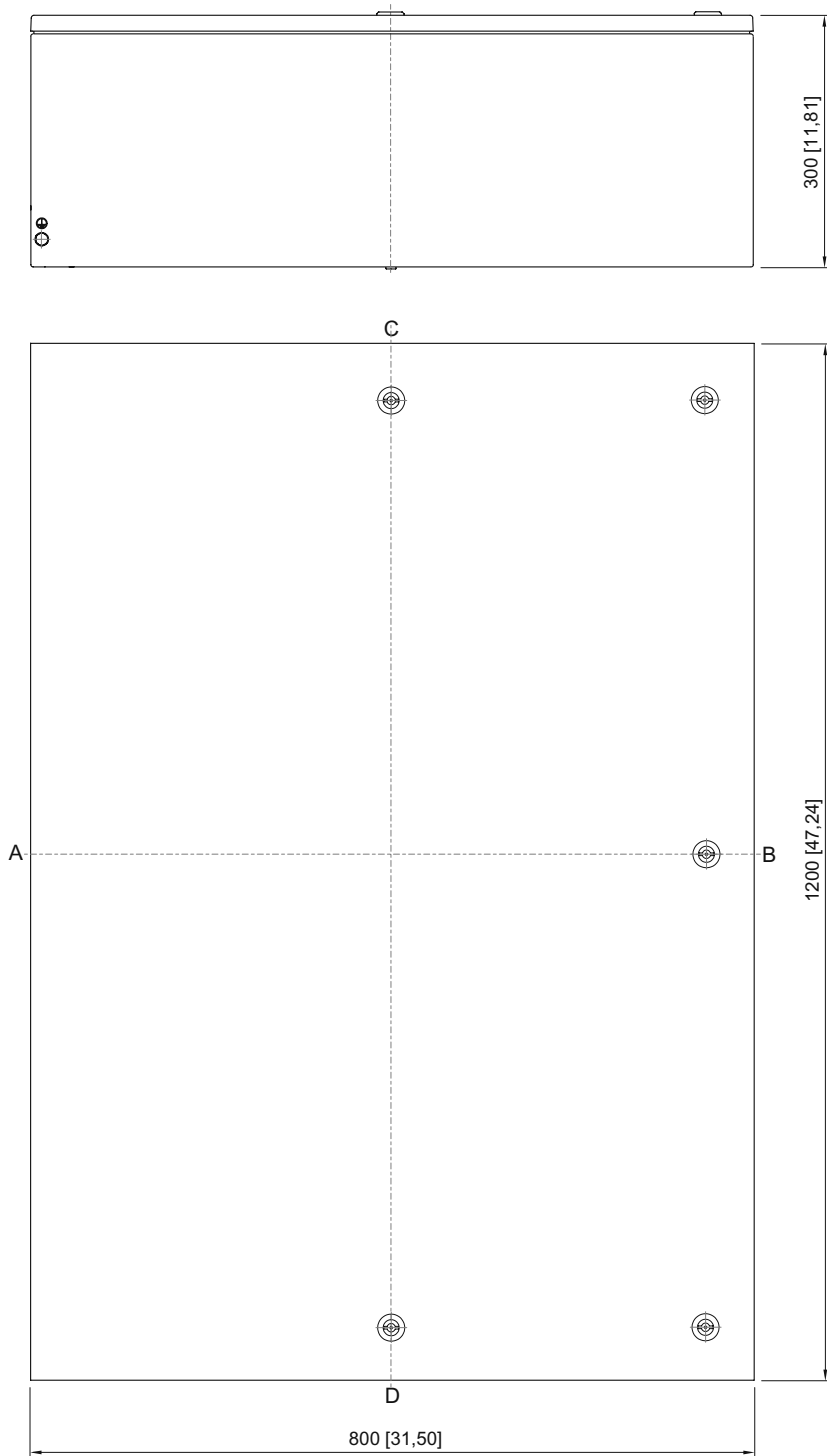
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Series 8150 made of Stainless Steel

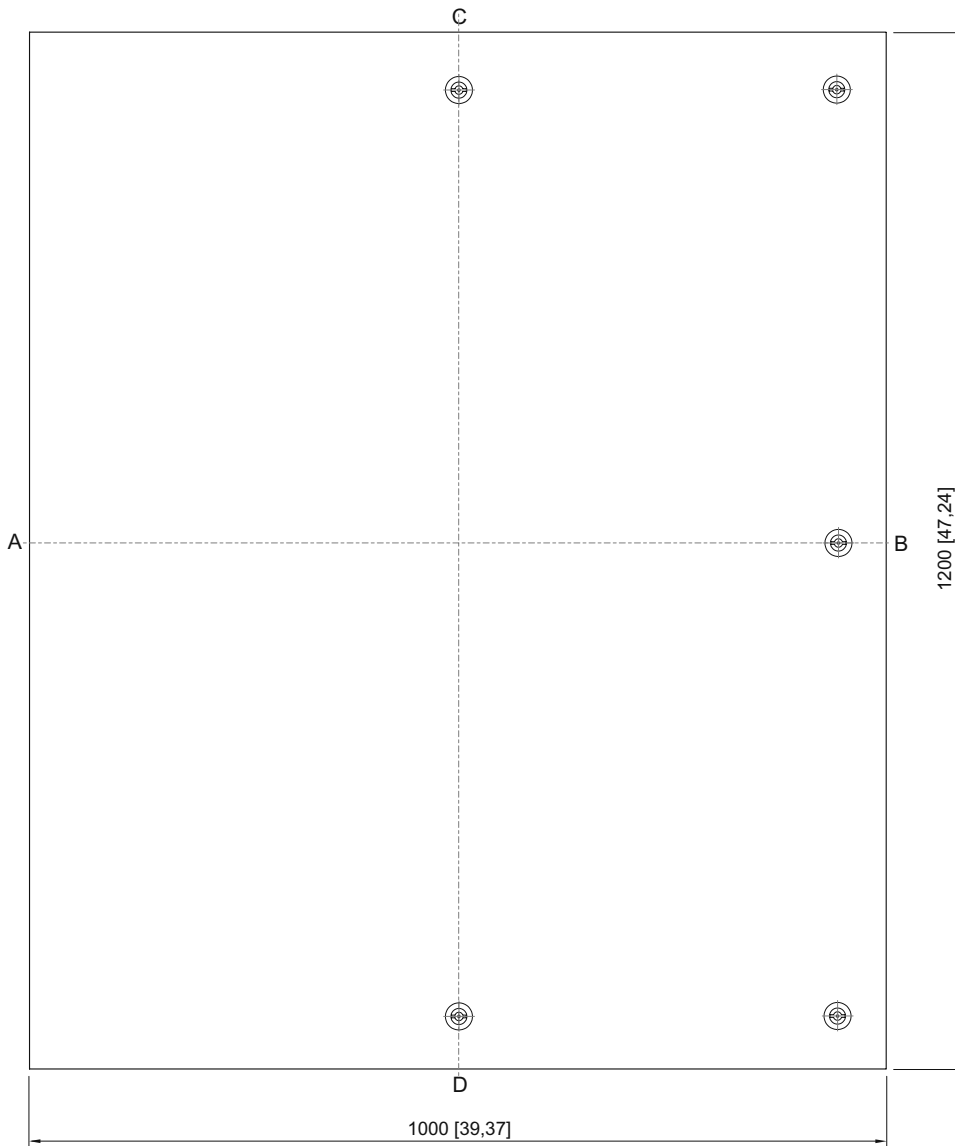
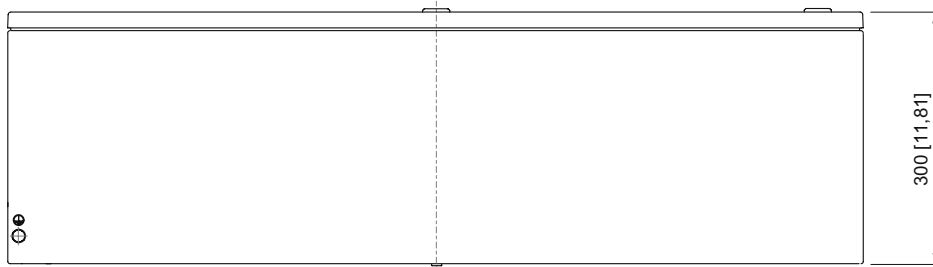


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