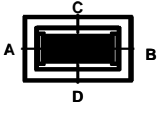
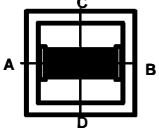
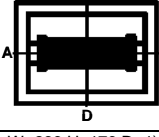


# Data Sheet 8150

Zonen 1 & 2, 21 & 22

**Terminal Box 8150 Series**

- Explosion protection according to
  - CENELEC
  - IEC
  - NEC (from Sept. 2010)
- - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- Ingress protection IP 66
- Improved design of sealing edge provides fast water drain
- Enhanced temperature range through high quality sealing material
- Optional hinges and cam lock
- Opening angle of hinges > 130°
- Steel grades A2 (1.4301) or A4 (1.4404)
- Outside earth connection M8
- Easy wall mounting with supplied brackets
  - Flange plates screwed from outside for easy access
  - Zinc plated mounting plate
- Standard sizes on stock
- Special sizes on request

Terminal Box up to 35mm <sup>2</sup>																					
		Max. number of Terminals																			
		WAGO								WAGO								WAGO			
Nominal cross section [mm <sup>2</sup> ]		2,5						4						6				10			
Colour		gr		bl		PE		PE		gr		or		bl		PE		gr			
Number of conductors per terminal		2		2		2		3		2		2		2		4		4			
DIN Rail arrangement		2001-1201		2001-1204		2001-1207		2001-1307		2002-1201		2002-1202		2002-1204		2002-1207		2002-1401			
		2002-1407		2002-1301		2002-1304		2002-1307		2004-1201		2004-1204		2004-1207		2004-1301		2004-1407			
		2006-1201		2006-1204		2006-1207															
 <p>W=176 H=116 D=1 8150/-0176-0116-....-3.1</p>		17	17	17	17	14	14	14	14	-	-	14	14	14	12	12	12	-	-		
		23	23	23	23	19	19	19	19	19	19	19	19	19	19	16	16	16	16	16	
 <p>W=176 H=176 D=1 8150/-0176-0176-....-3.1</p>		37	37	37	37	27	27	27	27	27	27	27	27	27	23	23	23	23	23		
		54	54	54	54	43	43	43	43	43	43	43	43	43	43	36	36	36	36	36	
 <p>W=236 H=176 D=1/2 8150/-0236-0176-....-3.1</p>		108	108	108	-	86	86	86	86	-	-	-	-	-	72	72	72	-	-		
		108	108	108	-	86	86	86	86	-	-	-	-	-	-	72	72	72	-	-	

**Cable entries:** Max. number of cable entries type 8161 depending on side

W x H	without Flange				Flange		W x H	without Flange				Flange		W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D
176 x 116	6	6	12	12	-	-	176 x 176	11	11	12	12	-	-	236 x 176	11	11	15	15	-	4
M16 x 1,5	4	4	8	8	-	-	M16 x 1,5	8	8	8	8	-	-	M16 x 1,5	8	8	12	12	-	4
M20 x 1,5	2	2	4	4	-	-	M20 x 1,5	4	4	4	4	-	-	M20 x 1,5	4	4	6	6	-	2
M25 x 1,5	1	1	3	3	-	-	M25 x 1,5	3	3	3	3	-	-	M25 x 1,5	3	3	4	4	-	-
M32 x 1,5	1	1	2	2	-	-	M32 x 1,5	2	2	2	2	-	-	M32 x 1,5	2	2	3	3	-	-
M40 x 1,5	-	-	-	-	-	-	M40 x 1,5	-	-	-	-	-	-	M40 x 1,5	-	-	-	-	-	-
M50 x 1,5	-	-	-	-	-	-	M50 x 1,5	-	-	-	-	-	-	M50 x 1,5	-	-	-	-	-	-
M63 x 1,5	-	-	-	-	-	-	M63 x 1,5	-	-	-	-	-	-	M63 x 1,5	-	-	-	-	-	-

D	available enclosure depth
1)	91mm
2)	150mm

**Note:** Order numbers include enclosure, DIN Rails and PE or PA bar only.  
**Order references:** Terminals: Quantity and Type  
**Cable glands:** Quantity, Type and mounting side  
**Flanges:** are mounted according to order, please specify the enclosure side  
**Terminals:** Phoenix, Weidmueller on request  
 Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
 o = on request



Terminal Box up to 35mm<sup>2</sup>

		Max. number of Terminals																									
		WAGO				WAGO				WAGO				WAGO				WAGO									
Nominal cross section [mm <sup>2</sup> ]		2.5				4				6				10				16									
Colour		gr		bl		PE		PE		gr		or		bl		PE		gr		bl		PE					
Number of conductors per terminal		2		2		2		3		2		2		2		2		4		4		3					
DIN Rail arrangement		2001-1201		2001-1204		2001-1207		2001-1307		2002-1201		2002-1202		2002-1204		2002-1207		2002-1401		2002-1407		2002-1301					
	30	30	30	30	24	24	24	24	24	24	24	24	24	24	24	24	24	20	20	20	20	20	17	17	17		
	60	60	60	60	48	48	48	48	48	48	48	48	48	48	48	48	48	40	40	40	40	40	34	34	34		
	90	90	90	-	72	72	72	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
W=300 H=200 D=2) 8150/-0300-0200-...-3.1																											
	64	64	64	64	52	52	52	52	52	52	52	52	52	52	52	52	52	43	43	43	43	43	36	36	36		
	W=360 H=176 D=1)2) 8150/-0360-0176-...-3.1																										
	23	23	23	23	19	19	19	19	19	19	19	19	19	19	19	19	19	16	16	16	16	16	13	13	13		
	46	46	46	46	38	38	38	38	38	38	38	38	38	38	38	38	38	32	32	32	32	32	26	26	26		
	69	69	69	69	57	57	57	57	57	57	57	57	57	57	57	57	57	57	48	48	48	48	-	39	39	39	
W=360 H=176 D=1)2) 8150/-0360-0176-...-3.1																											

Cable entries:

Max. number of cable entries type 8161 depending on side

W x H	without Flange				Flange		W x H	without Flange				Flange		W x H	without Flange				Flange		
	A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D	
300 x 200							360 x 176														
M16 x 1,5	33	33	54	54	9	-	M16 x 1,5	11	11	27	27	-	9	M16 x 1,5	28	28	67	67	9	28	
M20 x 1,5	20	20	34	34	6	-	M20 x 1,5	8	8	20	20	-	6	M20 x 1,5	17	17	42	42	6	18	
M25 x 1,5	12	12	21	21	4	-	M25 x 1,5	4	4	10	10	-	6	M25 x 1,5	10	10	26	26	4	13	
M32 x 1,5	7	7	16	16	2	-	M32 x 1,5	3	3	7	7	-	-	M32 x 1,5	6	6	19	19	2	9	
M40 x 1,5	5	5	8	8	1	-	M40 x 1,5	2	2	5	5	-	-	M40 x 1,5	4	4	10	10	1	5	
M50 x 1,5	3	3	5	5	1	-	M50 x 1,5	-	-	-	-	-	-	M50 x 1,5	3	3	6	6	1	3	
M63 x 1,5	2	2	3	3	-	-	M63 x 1,5	-	-	-	-	-	-	M63 x 1,5	2	2	4	4	-	3	



T = enclosure depth

D	available enclosure depth
1)	91mm
2)	150mm

**Note:** Order numbers only include enclosure, DIN Rails and PE or PA bar.  
**Order references:** Terminals: Quantity and Type  
**Cable glands:** Quantity, Type and mounting side  
**Flanges:** are mounted according to order, please specify the enclosure side  
**Terminals:** Phoenix, Weidmueller on request  
 Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
 o = on request

Terminal Box up to 35mm <sup>2</sup>																							
		Max. number of Terminals																					
		WAGO						Phoenix						WAGO									
Nominal cross section [mm <sup>2</sup> ]		2,5		4		6		10		16		25		35		50		70					
Colour		gr	bl	PE	PE	gr	br	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	bl	PE			
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2	
DIN Rail arrangement		2001-1201	2001-1204	2001-1207	2001-1307	2002-1201	2002-1202	2002-1204	2002-1207	2002-1401	2002-1407	2002-1301	2002-1304	2002-1307	2004-1201	2004-1204	2004-1207	2004-1301	2004-1407	2006-1201	2006-1204	2006-1207	
		64	64	64	64	52	52	52	52	52	52	52	52	52	43	43	43	43	43	36	36	36	
		128	128	128	128	104	104	104	104	104	104	104	104	104	104	86	86	86	86	86	72	72	72
		192	192	192	192	156	156	-	-	-	-	156	156	156	129	129	129	129	-	108	108	108	108
W=360 H=360 D=1)2)3) 8150/-0360-0360-...-3.1																							
		78	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	52	43	43	43	
		156	156	156	156	126	126	126	126	126	126	126	126	126	126	104	104	104	104	104	86	86	86
		234	234	234	-	189	189	189	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W=400 H=300 D=2)4) 8150/-0400-0300-...-3.1																							



**Cable entries:** Max. number of cable entries type 8161 depending on side

W x H	without Flange				Flange		W x H	without Flange				Flange		W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D
360 x 360	27	27	28	28	9	9	360 x 360	65	65	67	67	28	28	360 x 360	0	0	0	0	-	-
M16 x 1,5	20	20	20	6	6	6	M16 x 1,5	42	42	42	42	18	18	M16 x 1,5	0	0	0	0	-	-
M20 x 1,5	10	10	10	6	6	6	M20 x 1,5	26	26	26	26	13	13	M20 x 1,5	0	0	0	0	-	-
M25 x 1,5	7	7	7	-	-	-	M25 x 1,5	18	18	19	19	9	9	M25 x 1,5	0	0	0	0	-	-
M32 x 1,5	5	5	5	-	-	-	M32 x 1,5	10	10	10	5	5	5	M32 x 1,5	0	0	0	0	-	-
M40 x 1,5	-	-	-	-	-	-	M40 x 1,5	6	6	6	3	3	3	M40 x 1,5	-	-	-	-	-	-
M50 x 1,5	-	-	-	-	-	-	M50 x 1,5	4	4	4	4	3	3	M50 x 1,5	-	-	-	-	-	-
M63 x 1,5	-	-	-	-	-	-	M63 x 1,5	4	4	4	4	3	3	M63 x 1,5	-	-	-	-	-	-

D	available enclosure depth
1)	91mm
2)	150mm
3)	190mm
4)	230mm

**Note:** Order numbers only include enclosure, DIN Rails and PE or PA bar.  
**Order references:** Terminals: Quantity and Type  
**Cable glands:** Quantity, Type and mounting side  
**Flanges:** are mounted according to order, please specify the enclosure side  
**Terminals:** Phoenix, Weidmueller on request  
 Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
 o = on request

Terminal Box up to 35mm<sup>2</sup>

	Max. number of Terminals																				
	WAGO			WAGO			WAGO			WAGO			WAGO			WAGO					
Nominal cross section [mm <sup>2</sup> ]	2.5			4			6			10			16			25					
Colour	gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	bl	PE		
Number of conductors per terminal	2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2
DIN Rail arrangement	2001-1201	2001-1204	2001-1207	2001-1307	2002-1201	2002-1202	2002-1204	2002-1207	2002-1401	2002-1407	2002-1301	2002-1304	2002-1307	2004-1201	2004-1204	2004-1207	2004-1301	2004-1407	2006-1201	2006-1204	2006-1207
<p>W=400 H=300 D=2)4) 8150/-0400-0300-...-3.1</p>	54	54	54	54	43	43	43	43	43	43	43	43	43	36	36	36	36	36	30	30	30
	108	108	108	108	86	86	86	86	86	86	86	86	86	72	72	72	72	72	60	60	60
	162	162	162	162	129	129	129	129	129	129	129	129	129	108	108	108	108	108	90	90	90
	216	216	216	-	172	172	172	172	-	-	-	-	-	-	-	-	-	-	-	-	-
<p>W=400 H=400 D=2)4) 8150/-0400-0400-...-3.1</p>	78	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	52	43	43	43
	156	156	156	156	126	126	126	126	126	126	126	126	126	104	104	104	104	104	86	86	86
	234	234	234	234	189	189	189	189	189	189	189	189	189	156	156	156	156	156	129	129	129
	312	312	312	-	252	252	252	252	-	-	-	-	-	-	-	-	-	-	-	-	-

Cable entries:

Max. number of cable entries type 8161 depending on side



T = enclosure depth

W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D
400 x 300						
M16 x 1,5	54	54	74	74	o	28
M20 x 1,5	34	34	48	48	o	18
M25 x 1,5	21	21	30	30	o	13
M32 x 1,5	15	15	22	22	o	9
M40 x 1,5	8	8	11	11	o	5
M50 x 1,5	5	5	7	7	o	3
M63 x 1,5	3	3	5	5	o	3
400 x 400						
M16 x 1,5	123	123	123	123	69	69
M20 x 1,5	85	85	85	85	44	44
M25 x 1,5	59	59	60	60	28	28
M32 x 1,5	38	38	39	39	20	20
M40 x 1,5	22	22	22	22	10	10
M50 x 1,5	14	14	14	14	8	8
M63 x 1,5	9	9	9	9	6	6

W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D
400 x 300						
M16 x 1,5	91	91	123	123	o	69
M20 x 1,5	59	59	85	85	o	44
M25 x 1,5	43	43	60	60	o	28
M32 x 1,5	27	27	39	39	o	20
M40 x 1,5	15	15	22	22	o	10
M50 x 1,5	9	9	14	14	o	8
M63 x 1,5	6	6	9	9	o	6

W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D
400 x 400						
M16 x 1,5	74	74	74	74	28	28
M20 x 1,5	48	48	48	48	18	18
M25 x 1,5	29	29	30	30	13	13
M32 x 1,5	21	21	22	22	9	9
M40 x 1,5	11	11	11	11	5	5
M50 x 1,5	7	7	7	7	3	3
M63 x 1,5	5	5	5	5	3	3

D	available enclosure depth
2)	150mm
4)	230mm

Note:

Order references:

Cable glands:

Flanges:

Terminals:

Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
o = on request

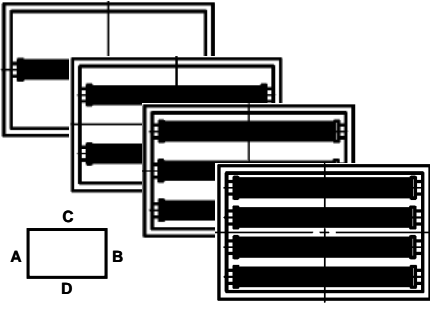
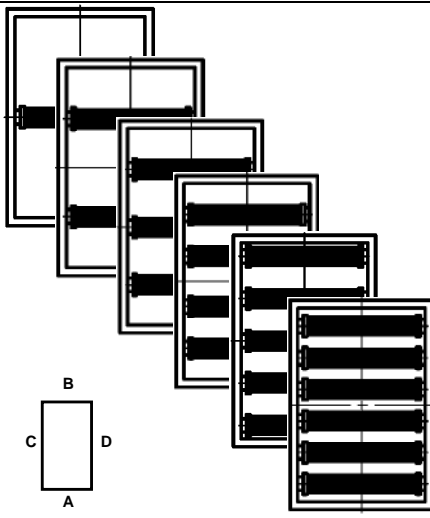
Order numbers only include enclosure, DIN Rails and PE or PA bar.

Terminals: Quantity and Type

Cable glands: Quantity, Type and mounting side

are mounted according to order, please specify the enclosure side

Phoenix, Weidmueller on request

Terminal Box up to 35mm <sup>2</sup>																					
	Max. number of Terminals																				
	WAGO				WAGO				WAGO				WAGO				WAGO				
Nominal cross section [mm <sup>2</sup> ]	2,5				4				6				10				16				
Colour	gr	bl	PE	PE	gr	br	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE	gr	bl	PE
Number of conductors per terminal	2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2
DIN Rail arrangement	2001-1201	2001-1204	2001-1207	2001-1307	2002-1201	2002-1202	2002-1204	2002-1207	2002-1401	2002-1407	2002-1301	2002-1304	2002-1307	2004-1201	2004-1204	2004-1207	2004-1301	2004-1407	2006-1201	2006-1204	2006-1207
	113	113	113	113	91	91	91	91	91	91	91	91	91	77	77	77	77	77	63	63	63
	226	226	226	226	182	182	182	182	182	182	182	182	182	154	154	154	154	154	126	126	126
	339	339	339	339	273	273	273	273	273	273	273	273	273	231	231	231	231	-	189	189	189
	452	452	452	-	364	364	364	364	-	-	-	-	-	-	-	-	-	-	-	-	-
W=550 H=360 D=4) 8150/-0550-0360-....-3.1																					
	64	64	64	64	52	52	52	52	52	52	52	52	52	43	43	43	43	43	36	36	36
	128	128	128	128	104	104	104	104	104	104	104	104	104	86	86	86	86	86	72	72	72
	192	192	192	192	156	156	156	156	156	156	156	156	156	129	129	129	129	129	108	108	108
	256	256	256	256	208	208	208	208	208	208	208	208	208	172	172	172	172	172	144	144	144
	320	320	320	320	260	260	260	260	-	-	260	260	260	215	215	215	-	-	-	-	-
	384	384	384	-	312	312	312	312	-	-	-	-	-	-	-	-	-	-	-	-	-
W=550 H=360 D=4) 8150/-0550-0360-....-3.1																					



**Cable entries:** Max. number of cable entries type 8161 depending on side

W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D
M16 x 1,5	91	91	123	123	o	o
M20 x 1,5	59	59	85	85	o	o
M25 x 1,5	43	43	59	59	o	o
M32 x 1,5	27	27	38	38	o	o
M40 x 1,5	15	15	22	22	o	o
M50 x 1,5	9	9	14	14	o	o
M63 x 1,5	6	6	9	9	o	o

T = 230mm

T = enclosure depth

D	available enclosure depth
4)	230mm

**Note:** Order numbers only include enclosure, DIN Rails and PE or PA bar.  
**Order references:** Terminals: Quantity and Type  
**Cable glands:** Quantity, Type and mounting side  
**Flanges:** are mounted according to order, please specify the enclosure side  
**Terminals:** Phoenix, Weidmueller on request  
 Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
 o = on request

Terminal Box up to 35mm<sup>2</sup>

		Max. number of Terminals																				
		WAGO				WAGO								WAGO				WAGO				
Nominal cross section [mm <sup>2</sup> ]		2.5				4								6				10				
Colour		gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE	gr	bl	PE
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2
DIN Rail arrangement		2001-1201	2001-1204	2001-1207	2001-1307	2002-1201	2002-1202	2002-1204	2002-1207	2002-1401	2002-1407	2002-1301	2002-1304	2002-1307	2004-1201	2004-1204	2004-1207	2004-1301	2004-1407	2006-1201	2006-1204	2006-1207
	125	125	125	125	101	101	101	101	101	101	101	101	101	85	85	85	85	85	70	70	70	
	250	250	250	250	202	202	202	202	202	202	202	202	202	170	170	170	170	170	140	140	140	
	375	375	375	375	303	303	303	303	303	303	303	303	303	255	255	255	255	255	210	210	210	
	500	500	500	500	404	404	404	404	-	-	-	-	-	-	-	-	-	-	-	-	-	
W=600 H=400 D=2)4) 8150/-0600-0400-...-3.1																						
	78	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	52	43	43	43	
	156	156	156	156	126	126	126	126	126	126	126	126	126	104	104	104	104	104	86	86	86	
	234	234	234	234	189	189	189	189	189	189	189	189	189	156	156	156	156	156	129	129	129	
	312	312	312	312	252	252	252	252	252	252	252	252	252	208	208	208	208	208	172	172	172	
	390	390	390	390	315	315	315	315	-	-	315	315	315	260	260	260	260	-	215	215	215	
	468	468	468	-	378	378	378	378	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W=600 H=400 D=2)4) 8150/-0600-0400-...-3.1																						

Cable entries:

Max. number of cable entries type 8161 depending on side



W x H	without Flange				Flange		W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D		A	B	C	D	A/B	C/D
600 x 400							600 x 400						
M16 x 1,5	74	74	117	117	28	47	M16 x 1,5	123	123	187	187	69	110
M20 x 1,5	48	48	74	74	18	31	M20 x 1,5	85	85	130	130	44	74
M25 x 1,5	30	30	46	46	13	21	M25 x 1,5	60	60	91	91	28	49
M32 x 1,5	22	22	33	33	9	15	M32 x 1,5	39	39	63	63	20	31
M40 x 1,5	11	11	18	18	5	8	M40 x 1,5	22	22	34	34	10	16
M50 x 1,5	7	7	11	11	3	5	M50 x 1,5	14	14	22	22	8	14
M63 x 1,5	5	5	7	7	3	5	M63 x 1,5	9	9	14	14	6	10

T = enclosure depth

D	available enclosure depth
2)	150mm
4)	230mm

Note:

Order references:

Cable glands:

Flanges:

Terminals:

Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
o = on request

Order numbers only include enclosure, DIN Rails and PE or PA bar.

Terminals: Quantity and Type

Quantity, Type and mounting side

are mounted according to order, please specify the enclosure side

Phoenix, Weidmueller on request

Terminal Box up to 35mm <sup>2</sup>																						
		Max. number of Terminals																				
		WAGO									WAGO											
Nominal cross section [mm <sup>2</sup> ]		2,5			4			6			10			16			25					
Colour		gr	bl	PE	PE	gr	br	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	bl	PE		
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2
DIN Rail arrangement		2001-1201	2001-1204	2001-1207	2001-1307	2002-1201	2002-1202	2002-1204	2002-1207	2002-1401	2002-1407	2002-1301	2002-1304	2002-1307	2004-1201	2004-1204	2004-1207	2004-1301	2004-1407	2006-1201	2006-1204	2006-1207
	113	113	113	113	91	91	91	91	91	91	91	91	91	77	77	77	77	77	63	63	63	
	226	226	226	226	182	182	182	182	182	182	182	182	182	154	154	154	154	154	126	126	126	
	339	339	339	339	273	273	273	273	273	273	273	273	273	231	231	231	231	-	189	189	189	
	452	452	452	-	364	364	364	364	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W=727 H=360 D=2) 8150/-0727-0360-....-3.1																						
	64	64	64	64	52	52	52	52	52	52	52	52	52	43	43	43	43	43	36	36	36	
	128	128	128	128	104	104	104	104	104	104	104	104	104	86	86	86	86	86	72	72	72	
	192	192	192	192	156	156	156	156	156	156	156	156	156	129	129	129	129	129	108	108	108	
	256	256	256	256	208	208	208	208	208	208	208	208	208	172	172	172	172	172	144	144	144	
	320	320	320	320	260	260	260	260	260	260	260	260	260	215	215	215	215	215	180	180	180	
	384	384	384	384	312	312	312	312	312	312	312	312	312	258	258	258	258	-	216	216	216	
	448	448	448	448	364	364	364	364	-	-	-	-	-	301	301	301	-	-	-	-	-	-
W=727 H=360 D=2) 8150/-0727-0360-....-3.1																						

**Cable entries:** Max. number of cable entries type 8161 depending on side

W x H	without Flange				Flange	
	A	B	C	D	A/B	C/D
M16 x 1,5	65	65	117	117	o	o
M20 x 1,5	42	42	74	74	o	o
M25 x 1,5	26	26	46	46	o	o
M32 x 1,5	18	18	33	33	o	o
M40 x 1,5	10	10	36	36	o	o
M50 x 1,5	6	6	22	22	o	o
M63 x 1,5	4	4	14	14	o	o

T = 150 mm

T = enclosure depth

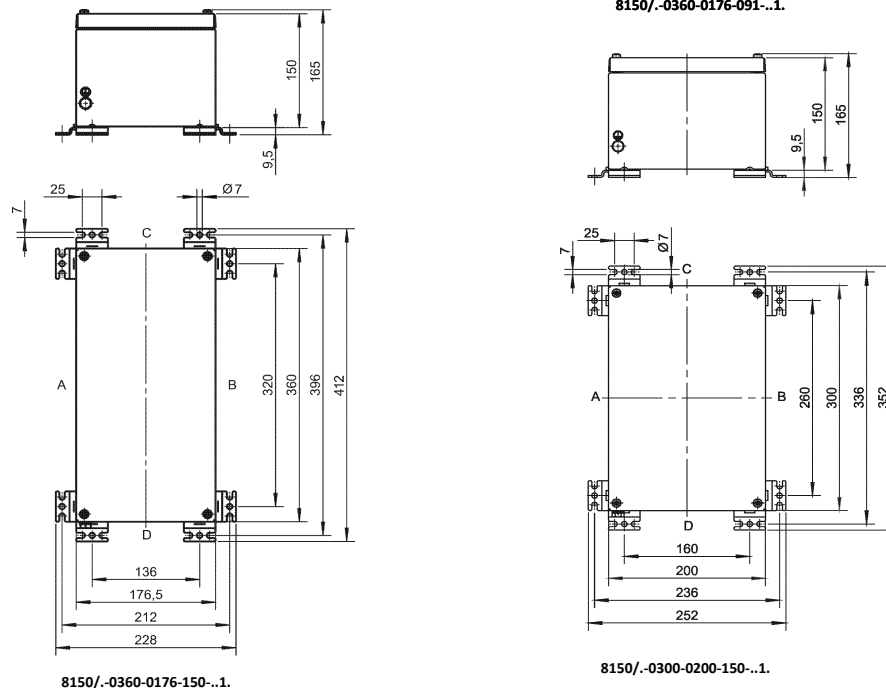
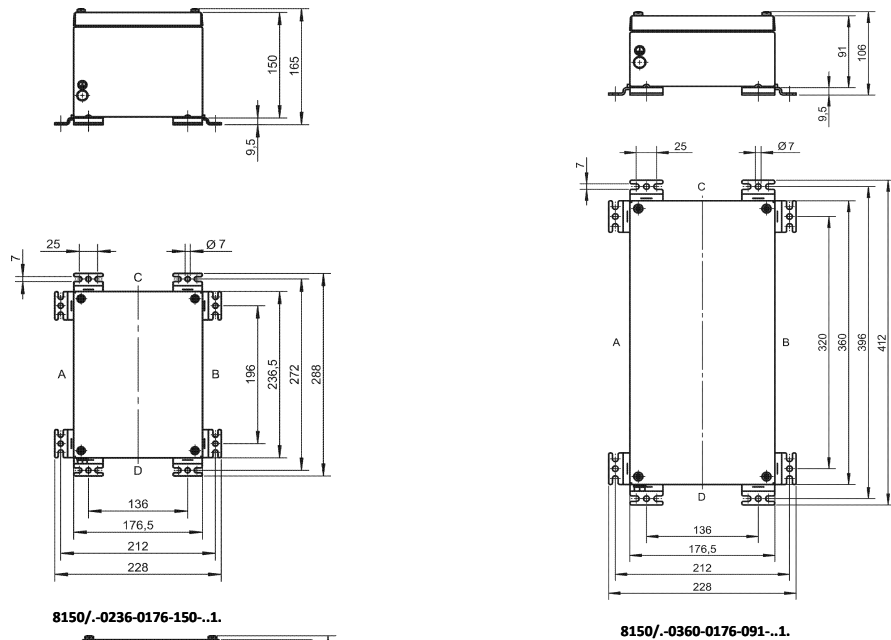
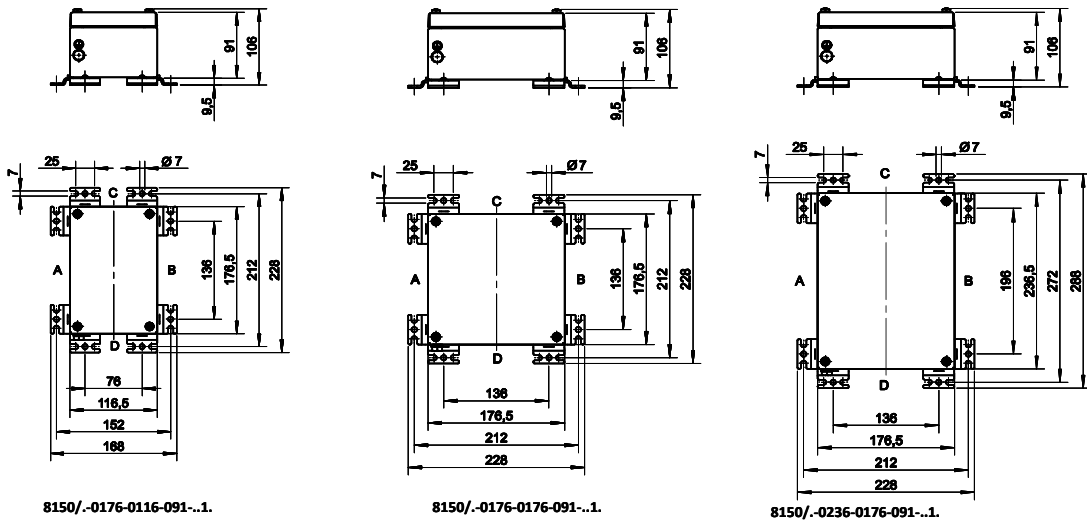
D	available enclosure depth
2)	150mm

**Note:** Order numbers only include enclosure, DIN Rails and PE or PA bar.  
**Order references:** Terminals: Quantity and Type  
**Cable glands:** Quantity, Type and mounting side  
**Flanges:** are mounted according to order, please specify the enclosure side  
**Terminals:** Phoenix, Weidmueller on request  
 Terminal boxes equipped with terminals > 35 mm<sup>2</sup> up to 300 mm<sup>2</sup> on request  
 o = on request

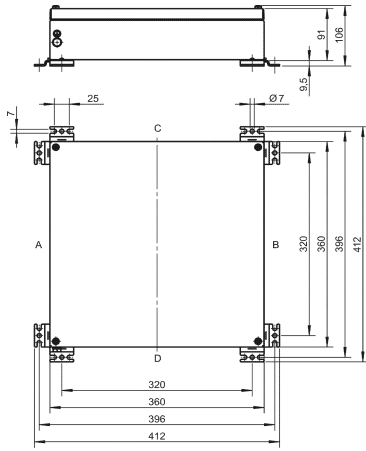




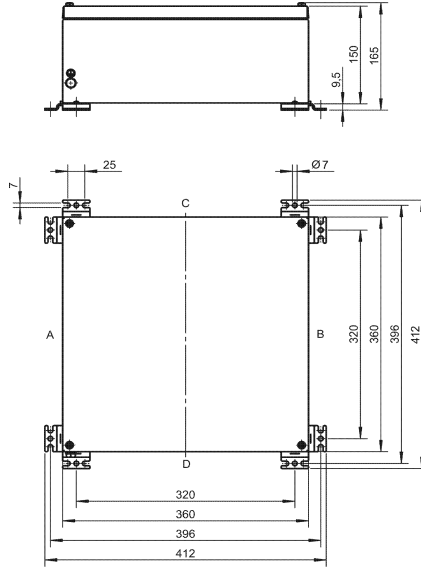
Terminal Box up to 35mm<sup>2</sup>



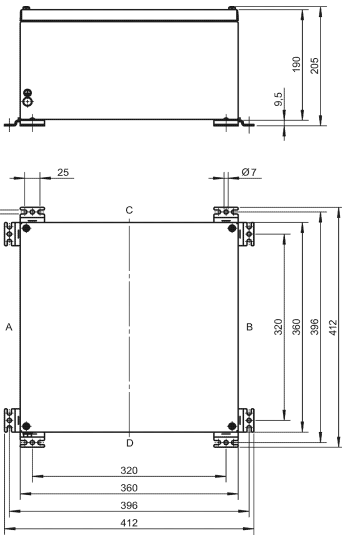
Terminal Box up to 35mm<sup>2</sup>



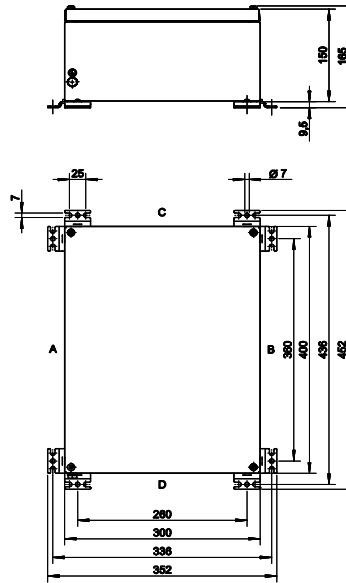
8150/-0360-0360-091..1.



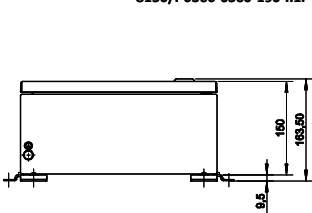
8150/-0360-0360-150..1.



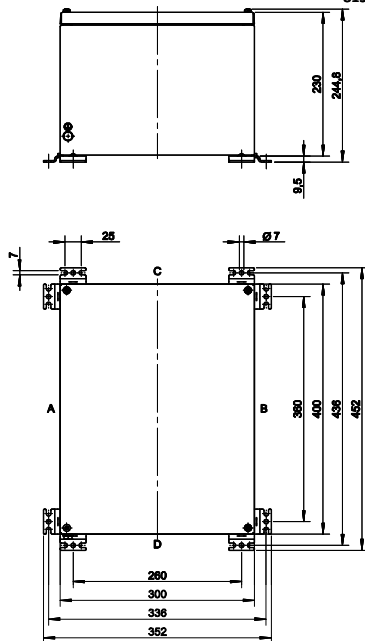
8150/-0360-0360-190..1.



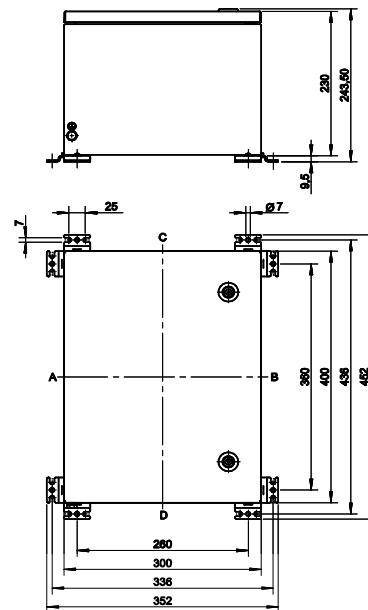
8150/-0400-0300-150..1.



8150/-0400-0300-150..2.

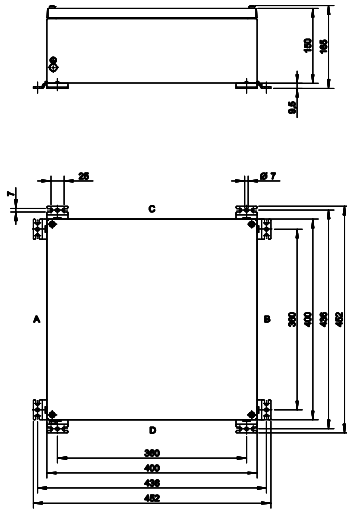


8150/-0400-0300-230..1.

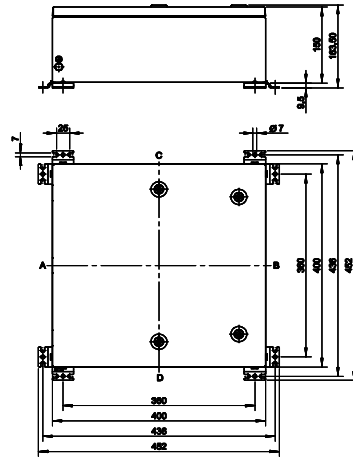


8150/-0400-0300-230..2.

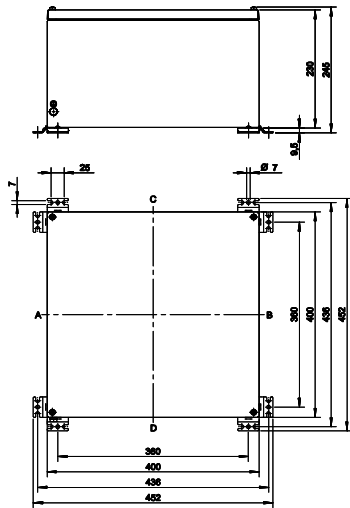
Terminal Box up to 35mm<sup>2</sup>



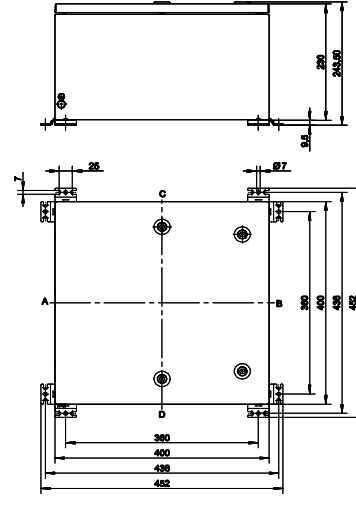
8150/-0400-0400-150-..1.



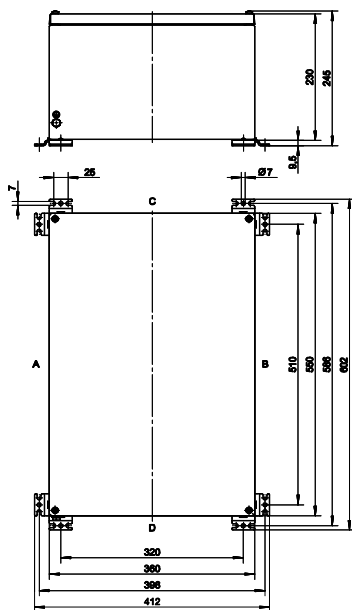
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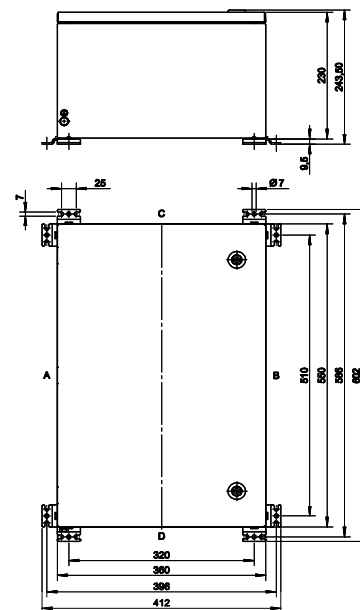
8150/-0400-0400-230-..1.



8150/-0400-0400-230-..2.



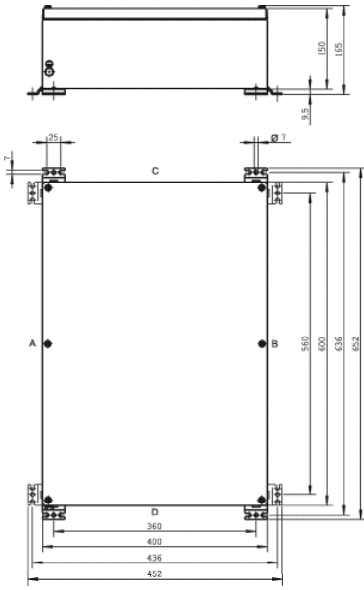
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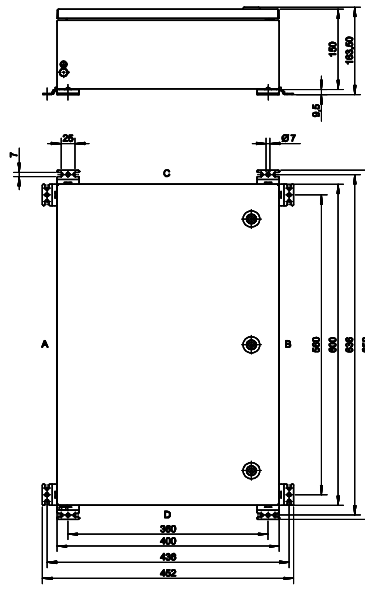
8150/-0550-0360-230-..2.



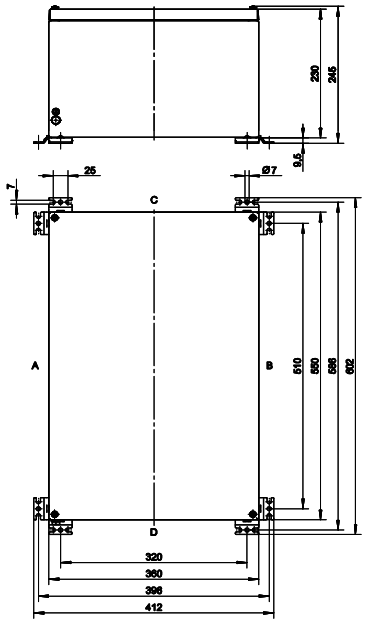
Terminal Box up to 35mm<sup>2</sup>



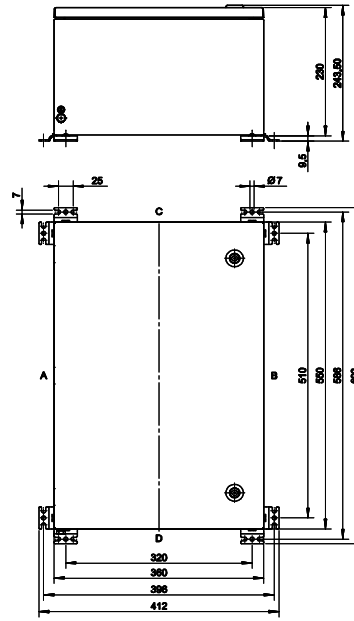
8150/-0600-0400-150..1.



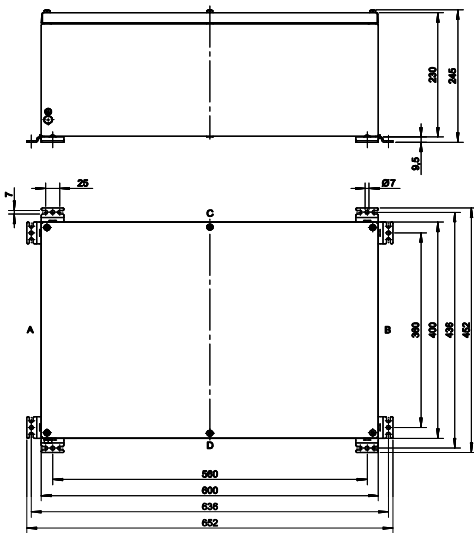
8150/-0600-0400-150..2.



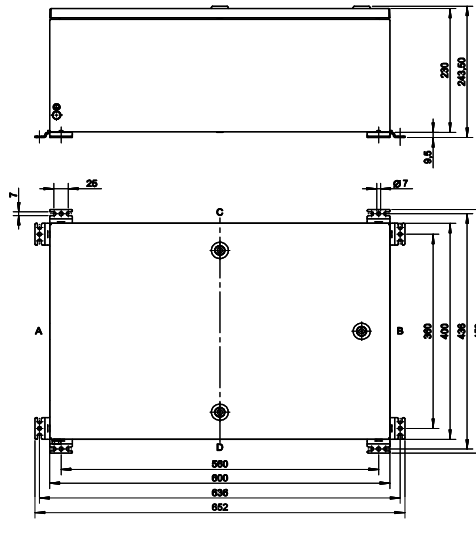
8150/-0600-0400-230..1.



8150/-0600-0400-230..2.



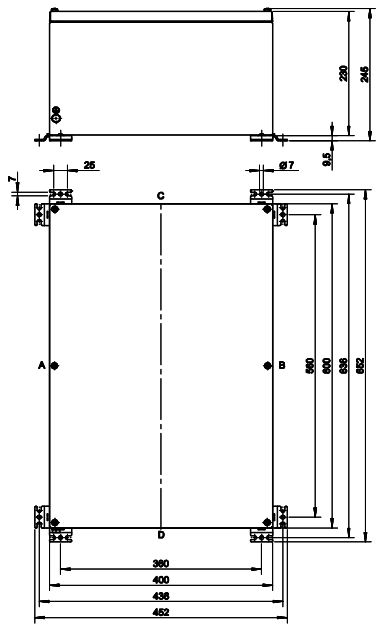
8150/-0600-0400-230..1.



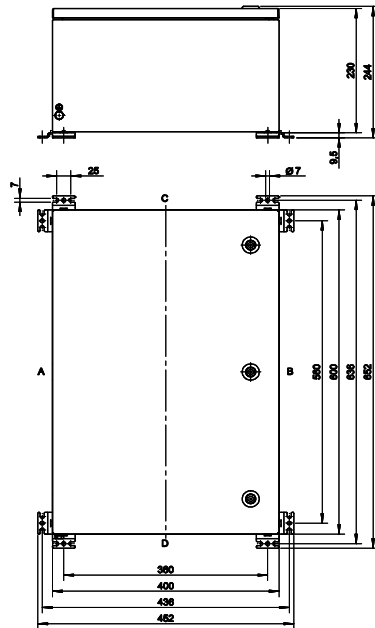
8150/-0600-0400-230..2.



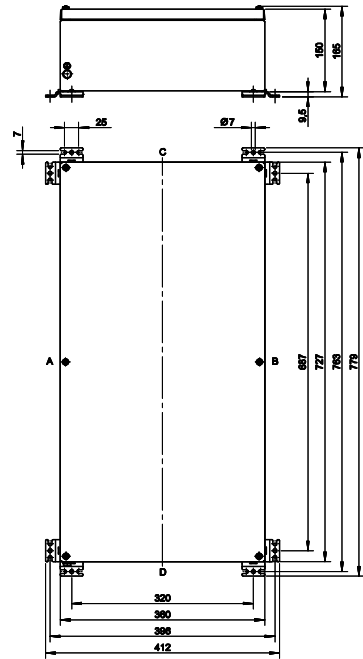
Terminal Box up to 35mm<sup>2</sup>



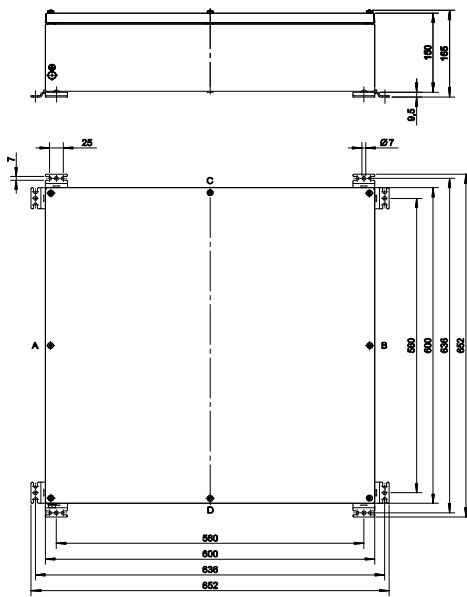
8150/-0600-0400-230..1.



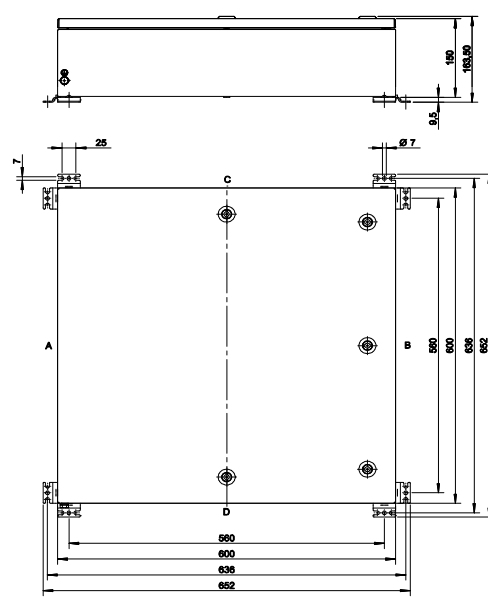
8150/-0600-0400-230..2.



8150/-0727-0360-150..1.

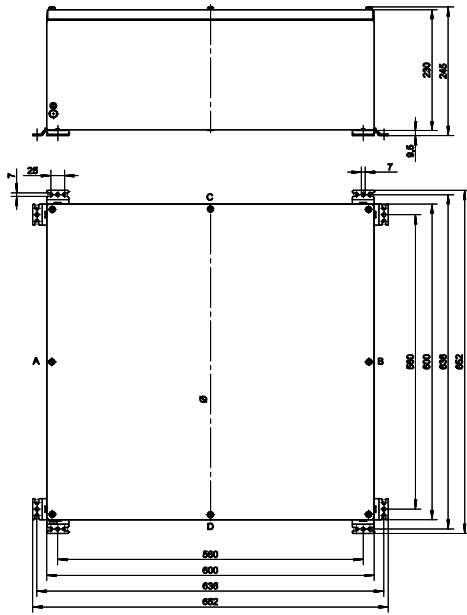


8150/-0600-0600-150..1.

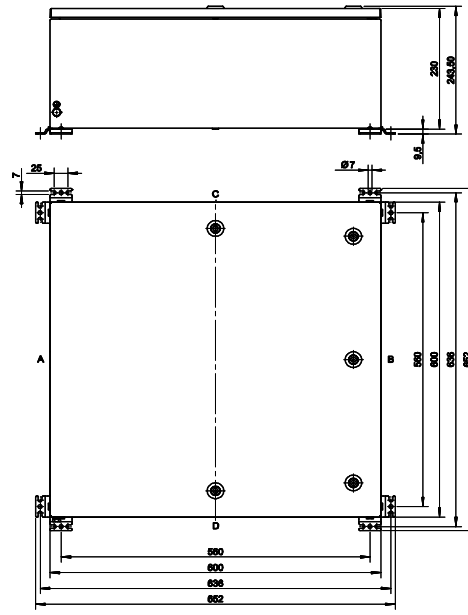


8150/-0600-0600-150..2.

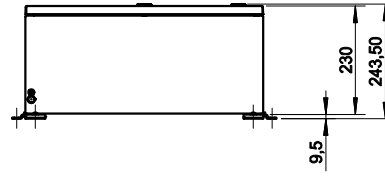
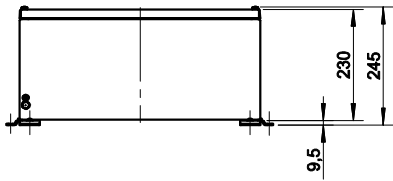




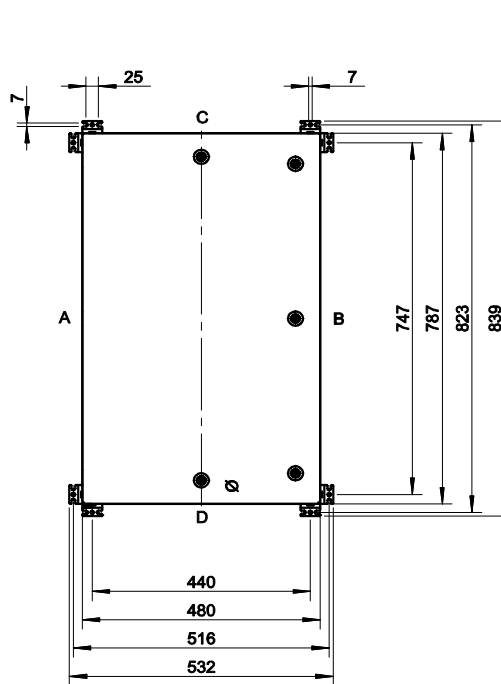
8150/-0600-0600-230...1.



8150/-0600-0600-230...2.



8150/-0787-0480-230...1.



8150/-0787-0480-230...2.



Enclosure depth	91	150	190	230
	8150/-.....-091-3.1	8150/-.....-150-3.1	8150/-.....-190-3.1	8150/-.....-230-3.1
8150/-0176-0116-.....3.1	*			
8150/-0176-0176-.....3.1	*			
8150/-0236-0176-.....3.1	*	*		
8150/-0300-0200-.....3.1		*		
8150/-0360-0176-.....3.1	*	*		
8150/-0360-0360-.....3.1	*	*	*	o
8150/-0400-0300-.....3.1		*		*
8150/-0400-0400-.....3.1		*		*
8150/-0550-0360-.....3.1				*
8150/-0600-0400-.....3.1		*		*
8150/-0400-0600-.....3.1		*		*
8150/-0727-0360-.....3.1	o	*	o	
8150/-0600-0600-.....3.1		*		*
8150/-0787-0480-.....3.1				*

\* = available  
o = on request

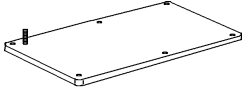
Hinge/hinged side	91	150	190	230
	8150/-.....-091-3.1	8150/-.....-150-3.1	8150/-.....-190-3.1	8150/-.....-230-3.1
8150/-0176-0116-.....321				
8150/-0176-0176-.....321				
8150/-0236-0176-.....321				
8150/-0300-0200-.....321		o		
8150/-0360-0176-.....321		o		
8150/-0360-0360-.....321		o	o	
8150/-0400-0300-.....321		o		o
8150/-0400-0400-.....321		o		o
8150/-0550-0360-.....321				o
8150/-0600-0400-.....321		*		*
8150/-0400-0600-.....321		*		*
8150/-0727-0360-.....321		o	o	
8150/-0600-0600-.....321		*		*
8150/-0787-0480-.....321				*

\* = hinge on left side  
o = on request

Typschlüssel	
8150/1-.....	Ex e or Ex e ia/ib version
8150/2-.....	Ex i version
8150/.....	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>without hinge</p> </div> <div style="text-align: center;"> <p>with hinge</p> <p>▬ = hinge</p> </div> </div>
8150/.....	Measure of side C/D
8150/.....	Measure of side A/B
8150/-.....	Enclosure depth
8150/-.....-2...	Steel grade SS304
8150/-.....-3...	Steel grade SS316L
8150/-.....-3..	Brushed surface
8150/-.....-1.	Screwed cover
8150/-.....-2.	Cover with hinge and cam lock
8150/-.....-1	






## Accessories and spare parts

Description	Picture	Order number						Weight		
		Type	Depth	Wall thickness t [mm]	Side A/B		Side C/D			
Flanges										
		8150/-0176-0116-...-3.1	91	-	-	-	-	-		
		8150/-0176-0176-...-3.1	91	-	0	0	0	0		
		8150/-0236-0176-...-3.1	91	3	202965	202966	0	0		
					5	202967	202968	0	0	
		8150/-0360-0176-...-3.1	91	3	202961	202962	0	0		
					5	202963	202964	0	0	
					150	202892	202893	202885	202886	
					5	202894	202895	202887	202888	
		8150/-0360-0360-...-3.1	91	3	202961	202962	202961	202962		
					5	202963	202964	202963	202964	
					150	202892	202893	202892	202893	
					5	202894	202895	202894	202895	
					190	0	0	0	0	
					5	0	0	0	0	
		8150/-0400-0300-...-3.1	150	3	202892	202893	0	0		
					5	202894	202895	0	0	
					230	202896	202897	0	0	
					5	202898	202899	0	0	
		8150/-0400-0400-...-3.1	150	3	202892	202893	202892	202893		
					5	202894	202895	202894	202895	
					230	202896	202897	202896	202897	
					5	202898	202899	202898	202899	
		8150/-0550-0360-...-3.1	230	3	202900	202901	202896	202897		
					5	202902	202903	202898	202899	
		8150/-0600-0400-...-3.1	230	3	202900	202901	202896	202897		
					5	202902	202903	202898	202899	
		8150/-0727-0360-...-3.1	150	3	0	0	202892	202893		
					5	0	0	202894	202895	
		8150/-0600-0600-...-3.1	150	3	202904	202905	202904	202905		
					5	202906	202907	202906	202907	
					230	202900	202901	202900	202901	
					5	202902	202903	202902	202903	
		8150/-0787-0480-...-3.1	230	3	202938	202939	202896	202897		
					5	202940	202941	202898	202899	

o = on request

## Technische Daten

	Explosion protection	 II 2 G Ex db eb mb ia/ib IIC, IIB, IIA, T6, T5, T4
	Gas explosion protection	
	Dust explosion protection	 II 2 D Ex tb IIIC IP66 T80 °C, T95 °C, T130 °C
	Certificates	
	ATEX	PTB 09 ATEX 1108
	IECEX	IECEX PTB 09.0048
	Material	Depending on version
	Enclosure	Stainless steel SS304 or SS316L, brushed surface, without finish (finish with lacquer or powder coating on request)
	Sealing	Silicon foam, alternatively silicon or EPDM adhered
	Measures	see pages 11-16
	Flanges	
	Standard	The standard enclosures are delivered without flanges
	On request	The flanges are mounted according to specification. Enclosure side and flange type must be specified; Flange material: Stainless steel SS304 or SS316L
	Cover mounting	
	Standard	M 6, cheese head screw combined cross recess head; captive; non corrosive steel
On request	With hinges and cam lock	
Nominal voltage	max. 1100 V, AC/DC (depending on used terminals)	
Ingress protection	IP 66	
Temperature range	- 60 °C ... + 70 °C, depending on equipment	
Rail mounted terminals	Up to nominal cross section of 300 mm <sup>2</sup>	
Earth connection	Blind rivet nut M8 for outside connection, rivet nut M8 in mounting plate, hinged covers equipped with M6 bolt.	
Mounting plate	t=3mm, zink plated sheet steel	
Wall thickness		
Enclosure	1,5mm standard sizes	
Cover	t=3mm, screwed, enclosure sides A, B, C, D, bore holes according to order	