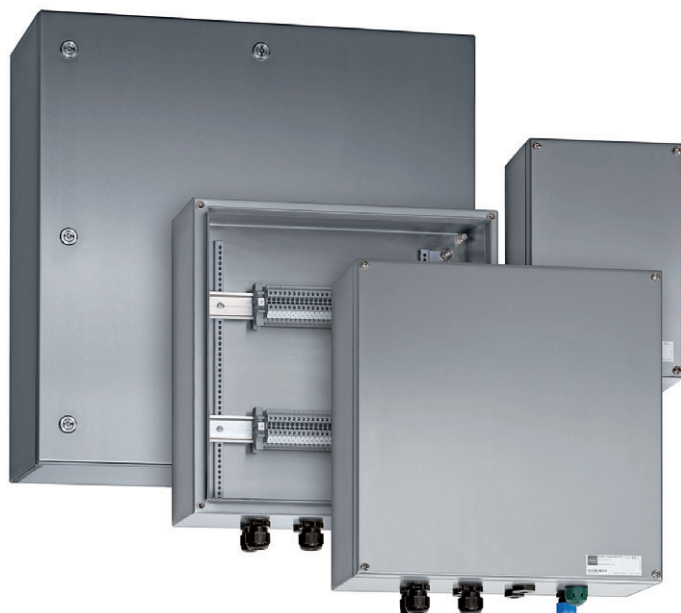


Terminal Boxes

Series 8150



12667E00

- > Enclosures made of stainless steel, brush finished 1.4301 (AISI 304) or 1.4404 (AISI 316L)
- > Optionally with hinges / cam locks or screw-on cover
- > Hinge versions with large opening angle 130°
- > Extended ambient temperature range due to high-quality seals
- > Circumferential protection channel prevents water entry
- > External earth connection M8
- > Flange plate tightened from the outside enables simple installation
- > Degree of protection IP66



E3

	ATEX / IECEx					
Zone	0	1	2	20	21	22
For use in		x	x		x	x

WebCode 8150A

Terminal Boxes

Series 8150

Advantages of the Series 8150



The new form of the edges allows quick water drainage and prevent water from accumulating around the gasket. This solution helps to increase the safety inside the enclosure.

12660E00



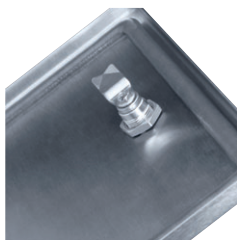
The flange plate mounted from the outside is another advantage of this enclosure: This guarantees a perfect accessibility - even if the cables are already built-in.

13128E00



The large beam width allows you a comfortable access and an easy and fast handling.

13130E00



If a regular access is required, the version equipped with a sash lock (or a hinge) is recommended.

12659E00



The earth connection M8 is already included in the delivery. In addition, there are different mounting possibilities.

13129E00

Terminal Boxes

Series 8150



Preselection table: number of terminals according to the enclosure type

Version	Nominal cross-section [mm²]				Order number	Page
	2.5	4	6	10		
Terminal box, Series 8150	17	14	12	--	8150/ . -0176-0116- 3.1	4
	23	19	16	13	8150/ . -0176-0176- 3.1	5
	37	27	23	21	8150/ . -0236-0176- 3.1	6
	69	57	48	39	8150/ . -0360-0176- 3.1	9, 10
	192	156	129	108	8150/ . -0360-0360- 3.1	11
	108	86	72	34	8150/ . -0300-0200- 3.1	7, 8
	234	189	108	90	8150/ . -0400-0300- 3.1	12, 13
	312	252	156	129	8150/ . -0400-0400- 3.1	14
	452	364	231	189	8150/ . -0550-0360- 3.1	15, 16
	452	364	301	216	8150/ . -0727-0360- 3.1	19, 20
	500	404	260	215	8150/ . -0600-0400- 3.1	17, 18
	750	606	425	350	8150/ . -0600-0600- 3.1	21
	850	548	460	380	8150/ . -0787-0480- 3.1	22

E3

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																					
		Wago																					
Nominal cross-section [mm²]		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	
Mounting rails																							

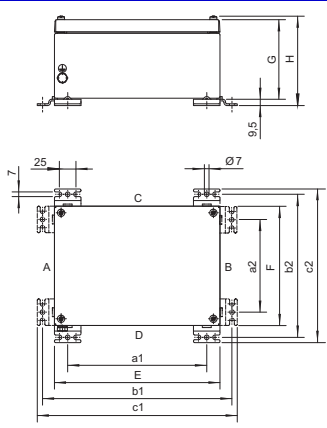
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	91 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	W x H	without flange				Flange	
	176 x 116	A	B	C	D	A/B	C/D
	M16 x 1.5	6	6	12	12	-	-
	M20 x 1.5	4	4	8	8	-	-
	M25 x 1.5	2	2	4	4	-	-
	M32 x 1.5	1	1	3	3	-	-
	M40 x 1.5	1	1	2	2	-	-
	M50 x 1.5	-	-	-	-	-	-
	M63 x 1.5	-	-	-	-	-	-

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth 91 mm
	a1	76
	a2	136
	b1	152
	b2	212
	c1	168
	c2	228
	E	116.5
	F	176.5
	G	91
	H	106

Type 8150/-0176-0116-091-..1.

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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			
Mounting rails																									
	Number of mounting rails																								
	12970E00	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			
8150/-0176-0176-...-3.1	1	23	23	23	23	19	19	19	19	19	19	19	19	19	16	16	16	16	16	13	13	13			

Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	91 mm
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	W x H	without flange				Flange	
	176 x 176	A	B	C	D	A/B	C/D
	M16 x 1.5	11	11	12	12	-	-
	M20 x 1.5	8	8	8	8	-	-
	M25 x 1.5	4	4	4	4	-	-
	M32 x 1.5	3	3	3	3	-	-
	M40 x 1.5	2	2	2	2	-	-
	M50 x 1.5	-	-	-	-	-	-
	M63 x 1.5	-	-	-	-	-	-

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

Dimensions in mm		Depth
		91 mm
a1	136	
a2	136	
b1	212	
b2	212	
c1	228	
c2	228	
E	176.5	
F	176.5	
G	91	
H	106	

Type 8150/-0176-0176-091...1.

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																						
		Wago																						
Nominal cross-section [mm²]		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		
Mounting rails		C A B D 12969E00	Number of mounting rails																					
				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
8150/-0236-0176-...-3.1		1	37	37	37	37	27	27	27	27	27	27	27	27	23	23	23	23	23	21	21	21		

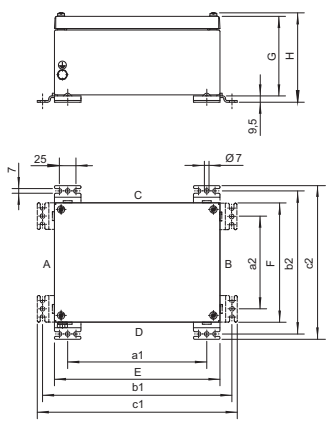
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	91 mm; 150 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 91 mm	W x H	without flange				Flange		D = 150 mm	W x H	without flange				Flange	
		236 x 176	A	B	C	D	A/B	C/D		236 x 176	A	B	C	D	A/B	C/D
		M16 x 1.5	11	11	15	15	-	4		M16 x 1.5	28	28	41	41	9	17
		M20 x 1.5	8	8	12	12	-	4		M20 x 1.5	17	17	26	26	6	10
		M25 x 1.5	4	4	6	6	-	2		M25 x 1.5	10	10	16	16	4	7
		M32 x 1.5	3	3	4	4	-	-		M32 x 1.5	6	6	10	10	2	5
		M40 x 1.5	2	2	3	3	-	-		M40 x 1.5	4	4	6	6	1	3
		M50 x 1.5	-	-	-	-	-	-		M50 x 1.5	3	3	4	4	1	2
		M63 x 1.5	-	-	-	-	-	-		M63 x 1.5	2	2	2	2	-	2

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	
	91 mm	150 mm
a1	136	136
a2	196	196
b1	212	212
b2	272	272
c1	228	228
c2	288	288
E	176.5	176.5
F	236.5	236.5
G	91	150
H	106	165

Type 8150/-0236-0176-091-...1. and 8150/-0236-0176-150-...1.

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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			
Mounting rails																									
	Number of mounting rails																								
	12968E00																								
	12967E00																								
8150/-0300-0200-...-3.1	1	54	54	54	54	43	43	43	43	43	43	43	43	43	36	36	36	36	36	30	30	30			
8150/-0300-0200-...-3.1	2	108	108	108	--	86	86	86	86	--	--	--	--	--	72	72	72	--	--	--	--	--			

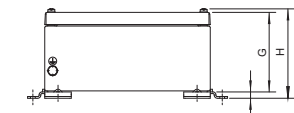
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 D = 150 mm	W x H	without flange				Flange	
	300 x 200	A	B	C	D	A/B	C/D
	M16 x 1.5	33	33	54	54	-	-
	M20 x 1.5	20	20	34	34	-	-
	M25 x 1.5	12	12	21	21	-	-
	M32 x 1.5	7	7	16	16	-	-
	M40 x 1.5	5	5	8	8	-	-
	M50 x 1.5	3	3	5	5	-	-
	M63 x 1.5	2	2	3	3	-	-

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

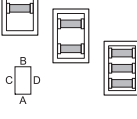
Dimensions in mm		Depth
		150 mm
	a1	160
	a2	260
	b1	236
	b2	336
	c1	252
	c2	352
	E	200
	F	300
	G	150
	H	165

Type 8150/-0300-0200-150...1.

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																					
		Wago																					
Nominal cross-section [mm²]		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	
Mounting rails		 12966E00 Number of mounting rails	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
8150/-0300-0200-...-3.1			1	30	30	30	30	24	24	24	24	24	24	24	24	20	20	20	20	20	17	17	17
8150/-0300-0200-...-3.1			2	60	60	60	60	48	48	48	48	48	48	48	48	40	40	40	40	40	34	34	34
8150/-0300-0200-...-3.1			3	90	90	90	--	72	72	72	72	--	--	--	--	--	--	--	--	--	--	--	--

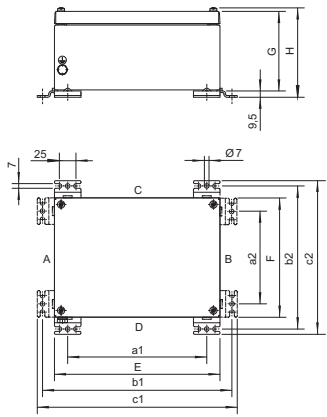
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 150 mm	W x H	without flange				Flange	
		300 x 200	A	B	C	D	A/B	C/D
		M16 x 1.5	33	33	54	54	9	-
		M20 x 1.5	20	20	34	34	6	-
		M25 x 1.5	12	12	21	21	4	-
		M32 x 1.5	7	7	16	16	2	-
		M40 x 1.5	5	5	8	8	1	-
		M50 x 1.5	3	3	5	5	1	-
		M63 x 1.5	2	2	3	3	-	-

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth
	a1	150 mm
	a2	160
	b1	236
	b2	336
	c1	252
	c2	352
	E	200
	F	300
	G	150
	H	165

Type 8150/-0300-0200-150-..1.

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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	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	2	2	2
Mounting rails																									
	Number of mounting rails																								
	12965E00	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	2006 - 1207	2006 - 1207	2006 - 1207
8150/-0360-0176-...-3.1	1	64	64	64	64	52	52	52	52	52	52	52	52	52	43	43	43	43	43	36	36	36	36	36	36

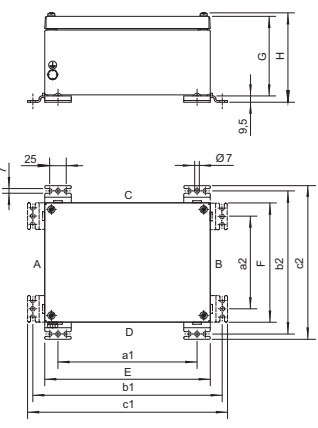
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	91 mm; 150 mm
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	W x H	without flange				Flange		D = 91 mm	W x H	without flange				Flange		D = 150 mm
		A	B	C	D	A/B	C/D			A	B	C	D	A/B	C/D	
	360 x 176															
	M16 x 1.5	11	11	27	27	-	9			28	28	67	67	9	28	
	M20 x 1.5	8	8	20	20	-	6			17	17	42	42	6	18	
	M25 x 1.5	4	4	10	10	-	6			10	10	26	26	4	13	
	M32 x 1.5	3	3	7	7	-	-			6	6	19	19	2	9	
	M40 x 1.5	2	2	5	5	-	-			4	4	10	10	1	5	
	M50 x 1.5	-	-	-	-	-	-			3	3	6	6	1	3	
	M63 x 1.5	-	-	-	-	-	-			2	2	4	4	-	3	

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

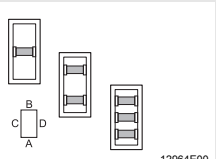
	Dimensions in mm	
	91 mm	150 mm
a1	136	136
a2	320	320
b1	212	212
b2	396	396
c1	228	228
c2	412	412
E	176.5	176.5
F	360	360
G	91	150
H	106	165

Type 8150/-0360-0176-091...1. and 8150/-0360-0176-150...1.

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																				
		Wago																				
Nominal cross-section [mm ²]		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
Mounting rails																						
	Number of mounting rails																					
	12964E00																					
8150/-0360-0176-...-3.1	1	23	23	23	23	19	19	19	19	19	19	19	19	19	16	16	16	16	16	13	13	13
8150/-0360-0176-...-3.1	2	46	46	46	46	38	38	38	38	38	38	38	38	38	32	32	32	32	32	26	26	26
8150/-0360-0176-...-3.1	3	69	69	69	69	57	57	57	57	57	57	57	57	57	48	48	48	48	- -	39	39	39

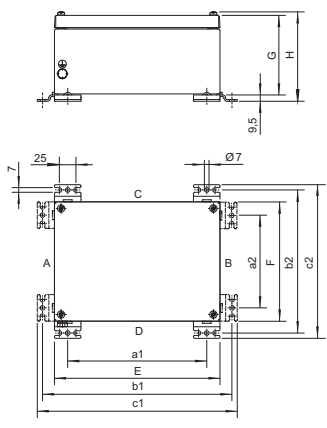
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	91 mm; 150 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 91 mm	W x H	without flange				Flange		D = 150 mm	W x H	without flange				Flange	
		360 x 176	A	B	C	D	A/B	C/D		360 x 176	A	B	C	D	A/B	C/D
		M16 x 1.5	11	11	27	27	-	9		M16 x 1.5	28	28	67	67	9	28
		M20 x 1.5	8	8	20	20	-	6		M20 x 1.5	17	17	42	42	6	18
		M25 x 1.5	4	4	10	10	-	6		M25 x 1.5	10	10	26	26	4	13
		M32 x 1.5	3	3	7	7	-	-		M32 x 1.5	6	6	19	19	2	9
		M40 x 1.5	2	2	5	5	-	-		M40 x 1.5	4	4	10	10	1	5
		M50 x 1.5	-	-	-	-	-	-		M50 x 1.5	3	3	6	6	1	3
		M63 x 1.5	-	-	-	-	-	-		M63 x 1.5	2	2	4	4	-	3

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth	
		91 mm	150 mm
	a1	136	136
	a2	320	320
	b1	212	212
	b2	396	396
	c1	228	228
	c2	412	412
	E	176.5	176.5
		F	360
		G	91
		H	106

Type 8150/-0360-0176-091-...1. and 8150/-0360-0176-150-...1.

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

Nominal cross-section [mm²]	Max. number of terminals																	
	Wago																	
Colour	2.5						4						6					
Number of conductors per terminal	gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE
Mounting rails	2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4
Number of mounting rails	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
8150/-0360-0360-...-3.1	1	64	64	64	64	52	52	52	52	52	52	52	52	43	43	43	43	43
8150/-0360-0360-...-3.1	2	128	128	128	128	104	104	104	104	104	104	104	104	86	86	86	86	86
8150/-0360-0360-...-3.1	3	192	192	192	192	156	156	--	--	--	--	156	156	129	129	129	129	--

Note

Specify with order	Order numbers for enclosures with mounting rails and PE or PA rails
Cable glands	Line-up terminals: number and type
Flanges	Number, type and installation side in enclosure
Terminals	can be fitted to order; please indicate the side on which they are to be fitted.
Available enclosure depths	Phoenix; Weidmüller available on request
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	91 mm; 150 mm; 190 mm

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

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
360 x 360	27	27	28	28	-	9	360 x 360	65	65	67	67	28	28
M16 x 1.5	20	20	20	20	-	6	M16 x 1.5	42	42	42	42	18	18
M20 x 1.5	10	10	10	10	-	6	M20 x 1.5	26	26	26	26	13	13
M25 x 1.5	7	7	7	7	-	-	M25 x 1.5	18	18	19	19	9	9
M32 x 1.5	5	5	5	5	-	-	M32 x 1.5	10	10	10	10	5	5
M40 x 1.5	-	-	-	-	-	-	M40 x 1.5	6	6	6	6	3	3
M50 x 1.5	-	-	-	-	-	-	M50 x 1.5	4	4	4	4	3	3
M63 x 1.5	-	-	-	-	-	-	M63 x 1.5	-	-	-	-	-	-

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

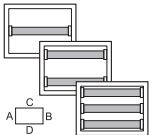
Dimensions in mm	Depth		
	91 mm	150 mm	190 mm
a1	320	320	320
a2	320	320	320
b1	396	396	396
b2	396	396	396
c1	412	412	412
c2	412	412	412
E	360	360	360
F	360	360	360
G	91	150	190
H	106	165	205

Typ 8150/-0360-0360-091-..1., 8150/-0360-0360-150-..1. and 8150/-0360-0360-190-..1.

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																			
		Wago																			
Nominal cross-section [mm ²]		2.5					4					6					10				
Colour		gr	bl	PE	PE		gr	or	bl	PE		gr	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
Mounting rails																					
	Number of mounting rails																				
		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
		1	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	52	43	43
		2	156	156	156	126	126	126	126	126	126	126	126	126	104	104	104	104	104	86	86
8150/-0400-0300-...-3.1		3	234	234	234	--	189	189	189	189	--	--	--	--	--	--	--	--	--	--	--

Note

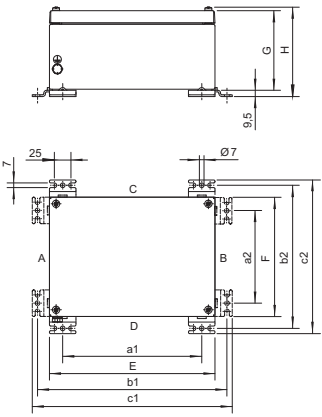
Specify with order	Order numbers for enclosures with mounting rails and PE or PA rails
Cable glands	Line-up terminals: number and type
Flanges	Number, type and installation side in enclosure
Terminals	can be fitted to order; please indicate the side on which they are to be fitted.
Available enclosure depths	Phoenix; Weidmüller available on request
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	150 mm; 230 mm

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 150 mm	W x H	without flange				Flange		W x H	without flange				Flange	
		400 x 300	A	B	C	D	A/B	C/D	400 x 300	A	B	C	D	A/B	C/D
		M16 x 1.5	54	54	74	74	a	28	M16 x 1.5	91	91	123	123	a	69
		M20 x 1.5	34	34	48	48		18	M20 x 1.5	59	59	85	85		44
		M25 x 1.5	21	21	30	30		13	M25 x 1.5	43	43	60	60		28
		M32 x 1.5	16	16	22	22		9	M32 x 1.5	27	27	39	39		20
		M40 x 1.5	8	8	11	11		5	M40 x 1.5	15	15	22	22		10
		M50 x 1.5	5	5	7	7		3	M50 x 1.5	9	9	14	14		8
		M63 x 1.5	3	3	5	5	3	M63 x 1.5	6	6	9	9	6		
A = on request															

	D = 230 mm	W x H	without flange				Flange		W x H	without flange				Flange	
		400 x 300	A	B	C	D	A/B	C/D	400 x 300	A	B	C	D	A/B	C/D
		M16 x 1.5	91	91	123	123	a	69	M16 x 1.5	59	59	85	85	a	44
		M20 x 1.5	59	59	85	85		18	M20 x 1.5	43	43	60	60		28
		M25 x 1.5	43	43	60	60		9	M25 x 1.5	27	27	39	39		20
		M32 x 1.5	27	27	39	39		5	M32 x 1.5	15	15	22	22		10
		M40 x 1.5	15	15	22	22		3	M40 x 1.5	9	9	14	14		8
		M50 x 1.5	9	9	14	14		6	M50 x 1.5	6	6	9	9		6
		M63 x 1.5	6	6	9	9	6	M63 x 1.5	6	6	9	9	6		
A = on request															

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth	150 mm	230 mm	150 mm*	230 mm*
	a1	260	260	260	260	260
	a2	360	360	360	360	360
	b1	336	336	336	336	336
	b2	436	436	436	436	436
	c1	352	352	352	352	352
	c2	452	452	452	452	452
	E	300	300	300	300	300
	F	400	400	400	400	400
	G	150	230	150	230	230
	H	165	244.8	163.5	243.5	243.5
	Type					
8150/-0400-0300-150-..1. and 8150/-0400-0300-230-..1.						
8150/-0400-0300-150-..2. and 8150/-0400-0300-230-..2.*						

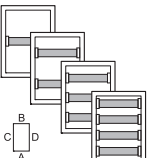
* with hinge or sash lock

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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			
Mounting rails																									
	Number of mounting rails																								
8150/-0400-0300-...-3.1	1	54	54	54	54	43	43	43	43	43	43	43	43	43	36	36	36	36	36	30	30	30			
8150/-0400-0300-...-3.1	2	108	108	108	108	86	86	86	86	86	86	86	86	86	72	72	72	72	72	60	60	60			
8150/-0400-0300-...-3.1	3	162	162	162	162	129	129	129	129	129	129	129	129	129	108	108	108	108	108	90	90	90			
8150/-0400-0300-...-3.1	4	216	216	216	--	172	172	172	172	--	--	--	--	--	--	--	--	--	--	--	--	--			

Note

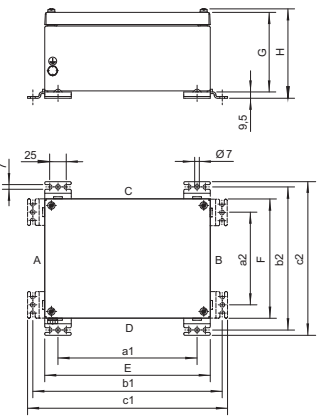
Specify with order	Order numbers for enclosures with mounting rails and PE or PA rails
Cable glands	Line-up terminals: number and type
Flanges	Number, type and installation side in enclosure
Terminals	can be fitted to order; please indicate the side on which they are to be fitted.
Available enclosure depths	Phoenix; Weidmüller available on request
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	150 mm; 230 mm

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 150 mm	W x H	without flange				Flange		W x H	without flange				Flange	
		400 x 300	A	B	C	D	A/B	C/D	400 x 300	A	B	C	D	A/B	C/D
		M16 x 1.5	54	54	74	74	a	28	M16 x 1.5	91	91	123	123	a	69
		M20 x 1.5	34	34	48	48		18	M20 x 1.5	59	59	85	85		44
		M25 x 1.5	21	21	30	30		13	M25 x 1.5	43	43	60	60		28
		M32 x 1.5	16	16	22	22		9	M32 x 1.5	27	27	39	39		20
		M40 x 1.5	8	8	11	11		5	M40 x 1.5	15	15	22	22		10
		M50 x 1.5	5	5	7	7		3	M50 x 1.5	9	9	14	14		8
		M63 x 1.5	3	3	5	5	3	M63 x 1.5	6	6	9	9	6		
A = on request															

	D = 230 mm	W x H	without flange				Flange		W x H	without flange				Flange	
		400 x 300	A	B	C	D	A/B	C/D	400 x 300	A	B	C	D	A/B	C/D
		M16 x 1.5	91	91	123	123	a	69	M16 x 1.5	59	59	85	85	a	44
		M20 x 1.5	59	59	85	85		18	M20 x 1.5	43	43	60	60		28
		M25 x 1.5	43	43	60	60		13	M25 x 1.5	27	27	39	39		20
		M32 x 1.5	27	27	39	39		9	M32 x 1.5	15	15	22	22		10
		M40 x 1.5	15	15	22	22		5	M40 x 1.5	9	9	14	14		8
		M50 x 1.5	9	9	14	14		3	M50 x 1.5	6	6	9	9		6
		M63 x 1.5	6	6	9	9	3	M63 x 1.5							
A = on request															

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth			
		150 mm	230 mm	150 mm*	230 mm*
a1		260	260	260	260
a2		360	360	360	360
b1		336	336	336	336
b2		436	436	436	436
c1		352	352	352	352
c2		452	452	452	452
E		300	300	300	300
F		400	400	400	400
G		150	230	150	230
H		165	244.8	163.5	243.5

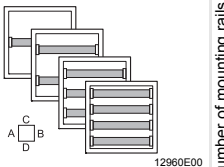
Type
8150/-0400-0300-150-..1. and 8150/-0400-0300-230-..1.
8150/-0400-0300-150-..2. and 8150/-0400-0300-230-..2.*

* with hinge or sash lock

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																				
		Wago																				
Nominal cross-section [mm²]		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
Mounting rails																						
	Number of mounting rails																					
8150/-0400-0400-....3.1	1	78	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	52	43	43	43
8150/-0400-0400-....3.1	2	156	156	156	156	126	126	126	126	126	126	126	126	126	104	104	104	104	104	86	86	86
8150/-0400-0400-....3.1	3	234	234	234	234	189	189	189	189	189	189	189	189	189	156	156	156	156	156	129	129	129
8150/-0400-0400-....3.1	4	312	312	312	--	252	252	252	252	--	--	--	--	--	--	--	--	--	--	--	--	--

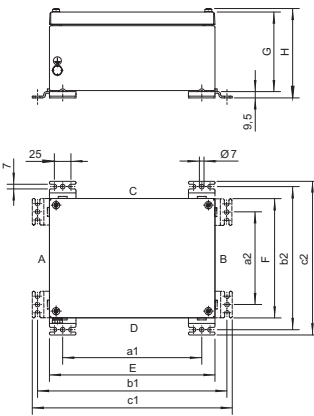
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm; 230 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	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
D = 150 mm	400 x 400								400 x 400						
	M16 x 1.5	74	74	74	74	28	28		M16 x 1.5	123	123	123	123	69	69
	M20 x 1.5	48	48	48	48	18	18		M20 x 1.5	85	85	85	85	44	44
	M25 x 1.5	29	29	30	30	13	13		M25 x 1.5	59	59	60	60	28	28
	M32 x 1.5	21	21	22	22	9	9		M32 x 1.5	38	38	39	39	20	20
	M40 x 1.5	11	11	11	11	5	5		M40 x 1.5	22	22	22	22	10	10
	M50 x 1.5	7	7	7	7	3	3		M50 x 1.5	14	14	14	14	8	8
D = 230 mm	M63 x 1.5	5	5	5	5	3	3		M63 x 1.5	9	9	9	9	6	6

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm			
	150 mm	230 mm	150 mm*	230 mm*
a1	360	360	360	360
a2	360	360	360	360
b1	436	436	436	436
b2	436	436	436	436
c1	452	452	452	452
c2	452	452	452	452
E	400	400	400	400
F	400	400	400	400
G	150	230	150	230
H	165	245	163.5	243.5

Type
8150/-0400-0400-150-...1. and 8150/-0400-0400-230-...1.
8150/-0400-0400-150-...2. and 8150/-0400-0400-230-...2.*

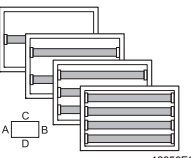
* with hinge or sash lock

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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			
Mounting rails																									
	Number of mounting rails	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			
		8150/-0550-0360-...-3.1	1	113	113	113	113	91	91	91	91	91	91	91	91	77	77	77	77	77	63	63	63		
		8150/-0550-0360-...-3.1	2	226	226	226	226	182	182	182	182	182	182	182	182	182	154	154	154	154	154	126	126	126	
		8150/-0550-0360-...-3.1	3	339	339	339	339	273	273	273	273	273	273	273	273	273	231	231	231	231	231	--	189	189	189
		8150/-0550-0360-...-3.1	4	452	452	452	--	364	364	364	364	--	--	--	--	--	--	--	--	--	--	--	--	--	--

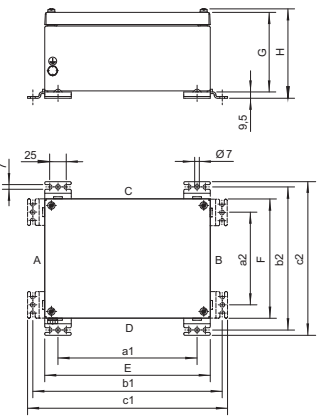
Note

Specify with order	Order numbers for enclosures with mounting rails and PE or PA rails
Cable glands	Line-up terminals: number and type
Flanges	Number, type and installation side in enclosure
Terminals	can be fitted to order; please indicate the side on which they are to be fitted.
Available enclosure depths	Phoenix; Weidmüller available on request
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	230 mm

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 230 mm	W x H	without flange				Flange	
		550 x 360	A	B	C	D	A/B	C/D
		M16 x 1.5	91	91	123	123	a	a
		M20 x 1.5	59	59	85	85		
		M25 x 1.5	43	43	59	59		
		M32 x 1.5	27	27	38	38		
		M40 x 1.5	15	15	22	22		
		M50 x 1.5	9	9	14	14		
		M63 x 1.5	6	6	9	9		
A = on request								

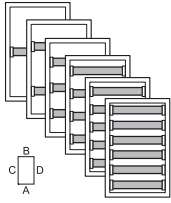
Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth 230 mm	230 mm*
	a1	320	320
	a2	510	510
	b1	396	396
	b2	586	586
	c1	412	412
	c2	602	602
	E	360	360
	F	550	550
	G	230	230
	H	245	243.5
12648E00			
Type		* with hinge or sash lock	
8150/-0550-0360-230-..1.			
8150/-0550-0360-230-..2.*			

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																	
		Wago																	
Nominal cross-section [mm ²]		2.5						4						6					
Colour		gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4
Mounting rails																			
	Number of mounting rails	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
	8150/-0550-0360-...-3.1	1	64	64	64	64	52	52	52	52	52	52	52	52	43	43	43	43	43
	8150/-0550-0360-...-3.1	2	128	128	128	128	104	104	104	104	104	104	104	104	86	86	86	86	86
	8150/-0550-0360-...-3.1	3	192	192	192	192	156	156	156	156	156	156	156	156	129	129	129	129	129
	8150/-0550-0360-...-3.1	4	256	256	256	256	208	208	208	208	208	208	208	208	172	172	172	172	172
	8150/-0550-0360-...-3.1	5	320	320	320	320	260	260	260	260	--	--	260	260	215	215	215	--	--
8150/-0550-0360-...-3.1	6	384	384	384	--	312	312	312	312	--	--	--	--	--	--	--	--	--	--

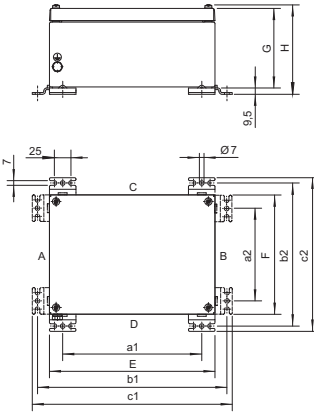
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	230 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 05864E00	D = 230 mm	W x H	without flange				Flange	
		550 x 360	A	B	C	D	A/B	C/D
		M16 x 1.5	91	91	123	123	a	a
		M20 x 1.5	59	59	85	85		
		M25 x 1.5	43	43	59	59		
		M32 x 1.5	27	27	38	38		
		M40 x 1.5	15	15	22	22		
		M50 x 1.5	9	9	14	14		
		M63 x 1.5	6	6	9	9		
A = on request								

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm	Depth 230 mm	230 mm*
	a1	320	320
	a2	510	510
	b1	396	396
	b2	586	586
	c1	412	412
	c2	602	602
	E	360	360
	F	550	550
	G	230	230
	H	245	243.5
Type 8150/-0550-0360-230-1. 8150/-0550-0360-230-2.*			
		* with hinge or sash lock	

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

		Max. number of terminals																							
		Wago																							
Nominal cross-section [mm²]		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	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	2	2	2
Mounting rails																									
	Number of mounting rails																								
		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			
		1	125	125	125	101	101	101	101	101	101	101	101	101	85	85	85	85	85	70	70	70			
		2	250	250	250	202	202	202	202	202	202	202	202	202	170	170	170	170	170	140	140	140			
		3	375	375	375	303	303	303	303	303	303	303	303	303	255	255	255	255	255	210	210	210			
		4	500	500	500	404	404	404	404	--	--	--	--	--	--	--	--	--	--	--	--	--			
8150/-0600-0400-...-3.1		1	125	125	125	101	101	101	101	101	101	101	101	101	85	85	85	85	85	70	70	70			
8150/-0600-0400-...-3.1		2	250	250	250	202	202	202	202	202	202	202	202	202	170	170	170	170	170	140	140	140			
8150/-0600-0400-...-3.1		3	375	375	375	303	303	303	303	303	303	303	303	303	255	255	255	255	255	210	210	210			
8150/-0600-0400-...-3.1		4	500	500	500	404	404	404	404	--	--	--	--	--	--	--	--	--	--	--	--	--			

Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm; 230 mm
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	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	600 x 400	600 x 400	600 x 400	600 x 400			600 x 400	600 x 400	600 x 400	600 x 400	600 x 400	600 x 400	
D = 150 mm	M16 x 1.5	74	74	117	117	28	47	D = 230 mm	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	

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm			
	150 mm	230 mm	150 mm*	230 mm*
a1	360	320	360	320
a2	560	510	560	510
b1	436	396	436	396
b2	636	586	636	586
c1	452	412	452	412
c2	652	602	652	602
E	400	360	400	360
F	600	550	600	550
G	150	230	150	230
H	165	245	163.5	243.5

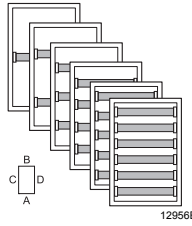
Type
8150/-0600-0400-150-..1. and 8150/-0600-0400-230-..1.
8150/-0600-0400-150-..2. and 8150/-0600-0400-230-..2.*

* with hinge or sash lock

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																	
		Wago																	
Nominal cross-section [mm ²]		2.5						4						6					
Colour		gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4
Mounting rails																			
	Number of mounting rails																		
																			
8150/-0600-0400-...-3.1	1	78	78	78	78	63	63	63	63	63	63	63	63	63	52	52	52	52	43
8150/-0600-0400-...-3.1	2	156	156	156	156	126	126	126	126	126	126	126	126	126	104	104	104	104	86
8150/-0600-0400-...-3.1	3	234	234	234	234	189	189	189	189	189	189	189	189	189	156	156	156	156	129
8150/-0600-0400-...-3.1	4	312	312	312	312	252	252	252	252	252	252	252	252	252	208	208	208	208	172
8150/-0600-0400-...-3.1	5	390	390	390	390	315	315	315	315	--	--	315	315	315	260	260	260	260	215
8150/-0600-0400-...-3.1	6	468	468	468	--	378	378	378	378	--	--	--	--	--	--	--	--	--	--

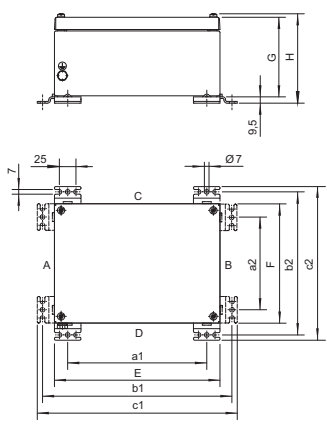
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm; 230 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

	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	
D = 150 mm	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	
D = 230 mm	M63 x 1.5	5	5	7	7	3	5		M63 x 1.5	9	9	14	14	6	10	

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

	Dimensions in mm				Depth			
					150 mm	230 mm	150 mm*	230 mm*
a1					360	320	360	320
a2					560	510	560	510
b1					436	396	436	396
b2					636	586	636	586
c1					452	412	452	412
c2					652	602	652	602
E					400	360	400	360
F					600	550	600	550
G					150	230	150	230
H					165	245	163.5	243.5

Type
8150/-0600-0400-150-...1. and 8150/-0600-0400-230-...1.
8150/-0400-0600-150-...2. and 8150/-0400-0600-230-...2.*

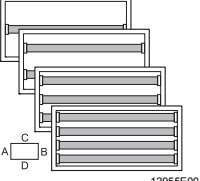
* with hinge or sash lock

Terminal Boxes

Series 8150



Terminal boxes up to 35 mm²

	Max. number of terminals																				
	Wago																				
Nominal cross-section [mm²]	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
Mounting rails																					
	Number of mounting rails																				
	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
	1	113	113	113	91	91	91	91	91	91	91	91	91	77	77	77	77	77	63	63	63
	2	226	226	226	182	182	182	182	182	182	182	182	182	154	154	154	154	154	126	126	126
	3	339	339	339	273	273	273	273	273	273	273	273	273	231	231	231	231	--	189	189	189
	4	452	452	452	--	364	364	364	--	--	--	--	--	--	--	--	--	--	--	--	--

Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm; 230 mm
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161



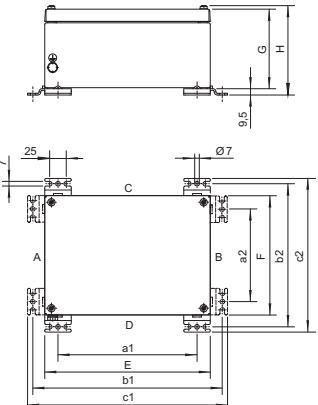
05864E00

D = 150 mm

A = on request

W x H	without flange				Flange	
727 x 360	A	B	C	D	A/B	C/D
M16 x 1.5	65	65	117	117	a	a
M20 x 1.5	42	42	74	74		
M25 x 1.5	26	26	46	46		
M32 x 1.5	18	18	33	33		
M40 x 1.5	10	10	36	36		
M50 x 1.5	6	6	22	22		
M63 x 1.5	4	4	14	14		

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

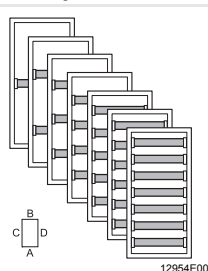
	Dimensions in mm	Depth 150 mm
	a1	320
	a2	687
	b1	398
	b2	763
	c1	412
	c2	779
	E	360
	F	727
	G	150
	H	165

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

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																	
		Wago																	
Nominal cross-section [mm ²]		2.5						4						6					
Colour		gr	bi	PE	PE	gr	or	bi	PE	gr	PE	gr	bi	PE	gr	bi	PE	gr	PE
Number of conductors per terminal		2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4
Mounting rails																			
	Number of mounting rails																		
		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
	8150/-0727-0360-...-3.1	1	64	64	64	64	52	52	52	52	52	52	52	52	43	43	43	43	43
	8150/-0727-0360-...-3.1	2	128	128	128	128	104	104	104	104	104	104	104	104	86	86	86	86	86
	8150/-0727-0360-...-3.1	3	192	192	192	192	156	156	156	156	156	156	156	156	129	129	129	129	129
	8150/-0727-0360-...-3.1	4	256	256	256	256	208	208	208	208	208	208	208	208	172	172	172	172	172
	8150/-0727-0360-...-3.1	5	320	320	320	320	260	260	260	260	260	260	260	260	215	215	215	215	215
	8150/-0727-0360-...-3.1	6	384	384	384	384	312	312	312	312	312	312	312	312	258	258	258	258	--
	8150/-0727-0360-...-3.1	7	448	448	448	448	364	364	364	364	--	--	--	--	301	301	301	--	--

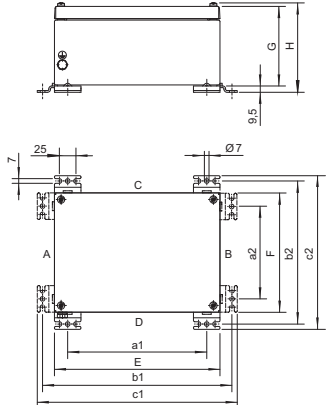
Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	150 mm; 230 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

05864E00							
 D = 150 mm	W x H	without flange				Flange	
	727 x 360	A	B	C	D	A/B	C/D
	M16 x 1.5	65	65	117	117	a	a
	M20 x 1.5	42	42	74	74		
	M25 x 1.5	26	26	46	46		
	M32 x 1.5	18	18	33	33		
	M40 x 1.5	10	10	36	36		
	M50 x 1.5	6	6	22	22		
M63 x 1.5	4	4	14	14			
A = on request							

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

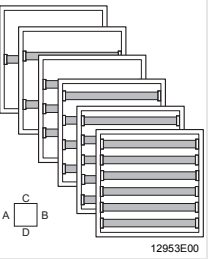
	Dimensions in mm	Depth
	a1	320
	a2	687
	b1	398
	b2	763
	c1	412
	c2	779
	E	360
	F	727
	G	150
	H	165

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

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

Nominal cross-section [mm²]	Max. number of terminals																				
	Wago																				
Colour	2.5				4								6				10				
Number of conductors per terminal	gr	bl	PE	PE	gr	or	bl	PE	gr	PE	gr	bl	PE	gr	bl	PE	gr	PE	gr	bl	PE
Mounting rails	2	2	2	3	2	2	2	2	4	4	3	3	3	2	2	2	3	4	2	2	2
Number of mounting rails																					
	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
	1	125	125	125	101	101	101	101	101	101	101	101	101	85	85	85	85	85	70	70	70
	2	250	250	250	202	202	202	202	202	202	202	202	202	170	170	170	170	170	140	140	140
	3	375	375	375	303	303	303	303	303	303	303	303	303	255	255	255	255	255	210	210	210
	4	500	500	500	404	404	404	404	404	404	404	404	404	340	340	340	340	340	280	280	280
	5	625	625	625	505	505	505	505	--	--	505	505	505	425	425	425	425	425	350	350	350
	6	750	750	750	--	606	606	606	606	--	--	--	--	--	--	--	--	--	--	--	--

Note

Specify with order	Order numbers for enclosures with mounting rails and PE or PA rails
Cable glands	Line-up terminals: number and type
Flanges	Number, type and installation side in enclosure
Terminals	can be fitted to order; please indicate the side on which they are to be fitted.
Available enclosure depths	Phoenix; Weidmüller available on request
Terminal boxes fitted with terminals > 35 mm² up to 300 mm² on request.	150 mm; 230 mm

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

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 600							600 x 600						
M16 x 1.5	116	116	117	117	47	47	M16 x 1.5	187	187	190	190	110	110
M20 x 1.5	73	73	74	74	31	31	M20 x 1.5	130	130	131	131	74	74
M25 x 1.5	45	45	46	46	21	21	M25 x 1.5	91	91	94	94	49	49
M32 x 1.5	33	33	33	33	15	15	M32 x 1.5	63	63	63	63	31	31
M40 x 1.5	18	18	18	18	8	8	M40 x 1.5	34	34	36	36	16	16
M50 x 1.5	11	11	11	11	5	5	M50 x 1.5	22	22	22	22	14	14
M63 x 1.5	7	7	7	7	5	5	M63 x 1.5	14	14	14	14	10	10

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

Dimensions in mm	Depth			
	150 mm	230 mm	150 mm*	230 mm*
a1	560	560	560	560
a2	560	560	560	560
b1	636	636	636	636
b2	636	636	636	636
c1	652	652	652	652
c2	652	652	652	652
E	600	600	600	600
F	600	600	600	600
G	150	230	150	230
H	165	245	163.5	243.5

Type

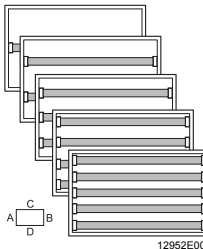
8150/-0600-0600-150-..1. and 8150/-0600-0600-230-..1.
8150/-0600-0600-150-..2. and 8150/-0600-0600-230-..2.*

* with hinge or sash lock

Terminal Boxes

Series 8150

Terminal boxes up to 35 mm²

		Max. number of terminals																																				
		Wago																																				
Nominal cross-section [mm²]		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																
Mounting rails																																						
	Number of mounting rails																																					
8150/-0787-0480-...-3.1	1	170	170	170	170	137	137	137	137	137	137	137	137	137	115	115	115	115	115	95	95	95																
8150/-0787-0480-...-3.1	2	340	340	340	340	274	274	274	274	274	274	274	274	274	230	230	230	230	230	190	190	190																
8150/-0787-0480-...-3.1	3	510	510	510	510	411	411	411	411	411	411	411	411	411	345	345	345	345	345	285	285	285																
8150/-0787-0480-...-3.1	4	680	680	680	680	548	548	548	548	--	--	548	548	548	460	460	460	460	460	--	380	380	380															
8150/-0787-0480-...-3.1	5	850	850	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																

Note

	Order numbers for enclosures with mounting rails and PE or PA rails
Specify with order	Line-up terminals: number and type
Cable glands	Number, type and installation side in enclosure
Flanges	can be fitted to order; please indicate the side on which they are to be fitted.
Terminals	Phoenix; Weidmüller available on request
Available enclosure depths	230 mm
Terminal boxes fitted with terminals > 35 mm ² up to 300 mm ² on request.	

Table showing the max. number of possible entries of the enclosure using cable glands series 8161

 D = 230 mm A = on request	W x H	without flange				Flange	
	787 x 480	A	B	C	D	A/B	C/D
	M16 x 1.5	117	117	190	190	47	a
	M20 x 1.5	74	74	131	131	31	
	M25 x 1.5	46	46	94	94	21	
	M32 x 1.5	33	33	63	63	15	
	M40 x 1.5	36	36	36	36	8	
	M50 x 1.5	22	22	22	22	5	
	M63 x 1.5	14	14	14	14	5	

Dimensional Drawing (All Dimensions in mm) - Subject to Alterations

The image shows a technical drawing of a terminal box. The top view shows a rectangular box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. The side view shows a depth of 230 mm. The front view shows a box with a width of 230 mm and a height of 230 mm. 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Type
8150/-0787-0480-230-...1.
8150/-0480-0787-230-...2.*

* with hinge or sash lock

Terminal Boxes

Series 8150



Order number supplement

8150/1-.....3.1	Ex e or Ex e ia/ib version
8150/2-.....3.1	Ex i version
8150/.....3.1	Dimension side C/D
8150/.....3.1	Dimension side A/B
	without hinge with hinge I = hinge
8150/.....-091-.3.1	Depth 91 mm
8150/.....-150-.3.1	Depth 150 mm
8150/.....-190-.3.1	Depth 190 mm
8150/.....-230-.3.1	Depth 230 mm
8150/.....-2...	Stainless steel 1.4301
8150/.....-3...	Stainless steel 1.4404
8150/.....-3...	Brushed (line pattern)
8150/.....-1.	Cover fixed with screws
8150/.....-2.	Cover with hinge and sash lock

Enclosure height

	91 mm 8150/.....-091-.3.1	150 mm 8150/.....-150-.3.1	190 mm 8150/.....-190-.3.1	230 mm 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	*	*	*	a
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	a	*	a	
8150/..-0600-0600-...-.3.1		*		*
8150/..-0787-0480-...-.3.1				*
	* = available	A = on request		

Hinge side

	91 mm 8150/.....-091-.3.1	150 mm 8150/.....-150-.3.1	190 mm 8150/.....-190-.3.1	230 mm 8150/.....-230-.3.1
8150/..-0176-0116-...-.321				
8150/..-0176-0176-...-.321				
8150/..-0236-0176-...-.321				
8150/..-0300-0200-...-.321		a		
8150/..-0360-0176-...-.321		a		
8150/..-0360-0360-...-.321		a	a	
8150/..-0400-0300-...-.321		a		a
8150/..-0400-0400-...-.321		a		a
8150/..-0550-0360-...-.321				a
8150/..-0600-0400-...-.321		*		*
8150/..-0400-0600-...-.321		*		*
8150/..-0727-0360-...-.321		a	a	
8150/..-0600-0600-...-.321		*		*
8150/..-0787-0480-...-.321				*
	* = available	A = on request		

E3

Terminal Boxes

Series 8150

Explosion Protection

Marking

Version	8150/1	8150/2
IECEX		
Gas explosion protection	Ex db eb ia/ib mb IIA, IIB, IIC T6 (Ta = - 60 ... + 40 °C) Ex db eb ia/ib mb IIA, IIB, IIC T5 (Ta = - 60 ... + 55 °C) Ex db eb ia/ib mb IIA, IIB, IIC T4 (Ta = - 60 ... + 70 °C)	Ex ia/ib IIA, IIB, IIC T6 (Ta = - 60 ... + 75 °C)
Dust explosion protection	Ex tb IIIC IP66 T130°C (Ta = - 60 ... + 70 °C) Ex tb IIIC IP66 T95°C (Ta = - 60 ... + 55 °C) Ex tb IIIC IP66 T80°C (Ta = - 60 ... + 40 °C)	Ex tb IIIC IP66 T80°C (Ta = - 60 ... + 40 °C)
Europe (ATEX)		
Gas explosion protection	Ⓔ II 2 G Ex db eb ia/ib mb IIA, IIB, IIC T6 (Ta = - 60 ... + 40 °C) Ⓔ II 2 G Ex db eb ia/ib mb IIA, IIB, IIC T5 (Ta = - 60 ... + 55 °C) Ⓔ II 2 G Ex db eb ia/ib mb IIA, IIB, IIC T4 (Ta = - 60 ... + 70 °C)	Ⓔ II 2 G Ex ia/ib IIA, IIB, IIC T6 (Ta = - 60 ... + 75 °C)
Dust explosion protection	Ⓔ II 2 D Ex tb IIIC IP66 T130°C (Ta = - 60 ... + 70 °C) Ⓔ II 2 D Ex tb IIIC IP66 T95°C (Ta = - 60 ... + 55 °C) Ⓔ II 2 D Ex tb IIIC IP66 T80°C (Ta = - 60 ... + 40 °C)	Ⓔ II 2 D Ex tb IIIC IP66 T80°C (Ta = - 60 ... + 40 °C)

Certificates

IECEX		
IECEX	IECEX PTB 09.0048	
Europe (ATEX)		
ATEX	PTB ATEX 1108	
Types of protection	depending on the actual fitted components used and their type of protection	

Technical Data

Electrical data

Rated operational voltage	max. 1100 V depending on terminal types and explosion protected components that are used
Rated operational current	max. 630 A depending on terminal types and explosion protected components used

Ambient conditions

Ambient temperature	see explosion protection data depending on terminal types and explosion protected components used
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Mechanical data

Degree of protection	IP66 acc. to IEC/EN 60529
Material	
Enclosure	- stainless steel V1.4301 (AISI 304) respectively 1.4404 (AISI 316L) brush finished
Sealing gasket	Silicone, foamed
Mounting plate	sheet steel, galvanized
Cover options	- with captive M6 stainless steel combo head screws or - with hinges / cam locks Double-bit key no. 5 for cam lock included in delivery
Flange	
Standard version	without flange
Special version	with flange
Wall thickness	
Enclosure cover	min. 2 mm
Mounting plate	3 mm
Cover screws tightening torque	4.5 Nm
Earth connection	M8 blind rivet nut (1x): at the outside of the enclosure M8 rivet nut (1x): on mounting plate M6 bolt (1x): additionally on enclosures with cover hinges
Rated cross-section	max. 300 mm ² depending on terminal types and explosion protected components used

Note

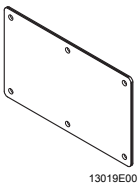
	please refer to the manufacturer's terminal data, e.g. the tightening torque
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Terminal Boxes

Series 8150



Accessories and Spare Parts

Designation	Illustration	Order number	Depth	Sheet thickness [mm]	Material			
					Side A/B		Side C/D	
					1.4404	1.4301	1.4404	1.4301
Flanges		8150/. -0176-0116-...-.3.1	91	-	-	-	-	-
		8150/. -0176-0176-...-.3.1	91	-	a	a	a	a
		8150/. -0236-0176-...-.3.1	91	3	202965	202966	a	a
				5	202967	202968	a	a
		8150/. -0360-0176-...-.3.1	91	3	202961	202962	a	a
				5	202963	202964	a	a
				150	202892	202893	202885	202886
					202894	202895	202887	202888
		8150/. -0360-0360-...-.3.1	91	3	202961	202962	202961	202962
				5	202963	202964	202963	202964
			150	3	202892	202893	202892	202893
				5	202894	202895	202894	202895
			190	3	a	a	a	a
				5	a	a	a	a
		8150/. -0400-0300-...-.3.1	150	3	202892	202893	a	a
				5	202894	202895	a	a
			230	3	202896	202897	a	a
				5	202898	202899	a	a
		8150/. -0400-0400-...-.3.1	150	3	202892	202893	202892	202893
				5	202894	202895	202894	202895
			230	3	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	a	a	202892	202893
				5	a	a	202894	202895
		8150/. -0600-0600-...-.3.1	150	3	202904	202905	202904	202905
				5	202906	202907	202906	202907
			230	3	202900	202901	202900	202901
				5	202902	202903	202902	202903
			230	3	202938	202939	202896	202897
				5	202940	202941	202898	202899

a = on request

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.