

**Rittal**

**AE  
Stahlblech**

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**AE  
Sheet steel**

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AE 1030.500	AE 1055.500	AE 1213.500
AE 1031.500	AE 1057.500	AE 1260.500
AE 1032.500	AE 1058.500	AE 1280.500
AE 1033.500	AE 1060.500	AE 1338.500
AE 1034.500	AE 1073.500	AE 1339.500
AE 1035.500	AE 1076.500	AE 1350.500
AE 1036.500	AE 1077.500	AE 1360.500
AE 1037.500	AE 1090.500	AE 1376.500
AE 1038.500	AE 1100.500	AE 1380.500
AE 1039.500	AE 1110.500	
AE 1045.500	AE 1114.500	
AE 1050.500	AE 1130.500	
AE 1054.500	AE 1180.500	

**Montage- und Bedienungsanleitung**

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**Assembly and operating instructions**

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**Notice de montage et mode d'emploi**

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**Montage- en bedieningshandleiding**

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**Montage- och bruksanvisning**

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**Istruzioni di montaggio e uso**

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**Instrucciones de montaje y empleo**

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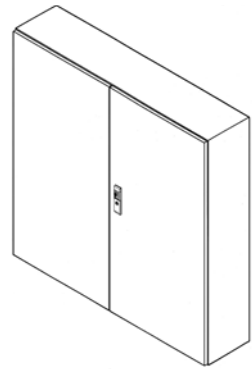
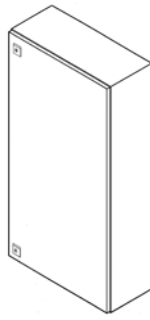
**取扱説明書**

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












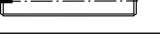
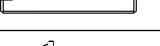


## **Inhaltsverzeichnis**

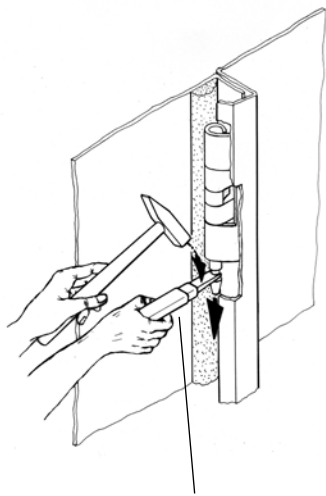
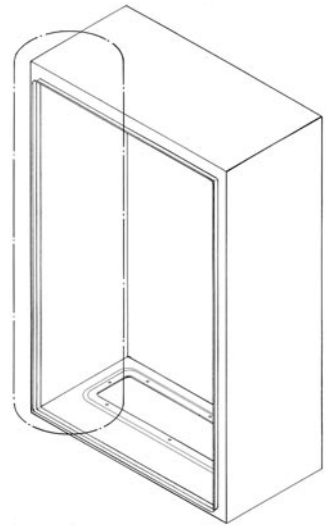
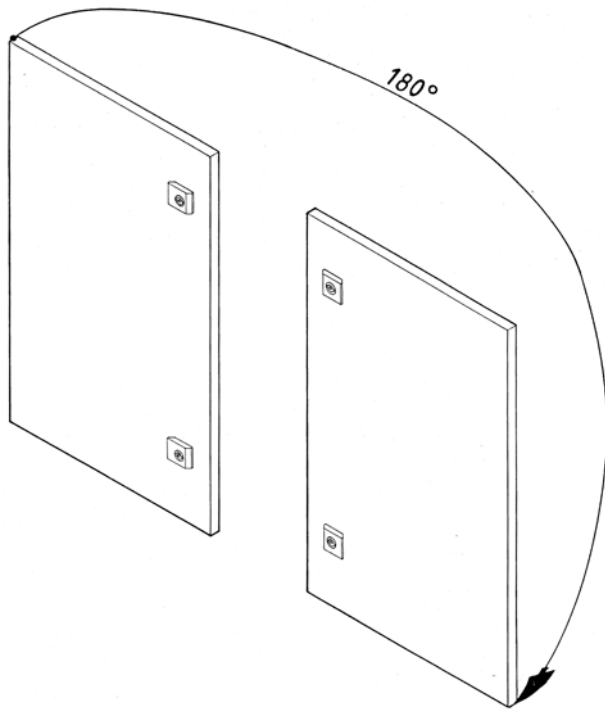
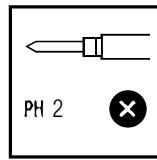
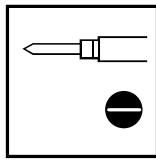
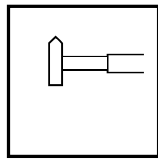
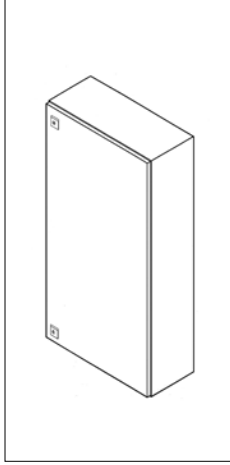
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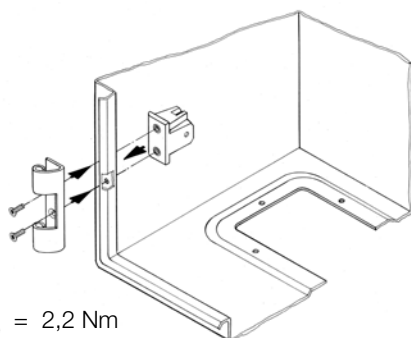
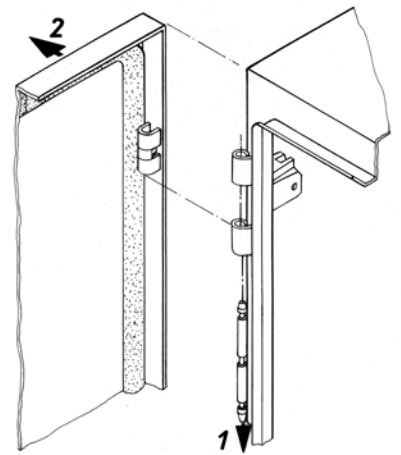
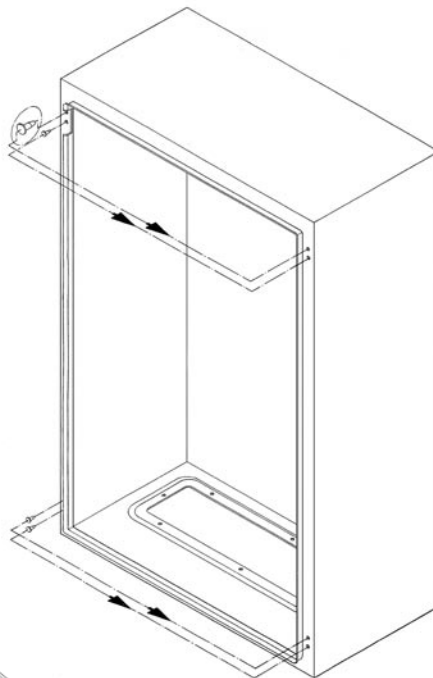


**Inhalt / Versandbeutel**  
**Contents / Dispatch bag**

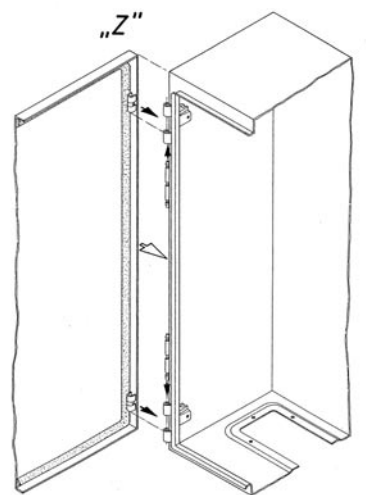
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		1	1	1	1	1	1	1	1	1
	Ø 9		3	7	7	1	1	7	7	1
	Ø AN 16	5	4	4	4	4	4	4	4	4
	M 8 x 30		1	1	1	1	1	1	1	1
	M 6 x 25	1								
	M 6 x 12	1	1	1	1	1	1	2	2	2
	Ø 8,2		2	2	2	2	2	2	2	2
	Ø 6,1	3	1	1	1	1	1	2	2	2
	M 8		15	18	3	15	15	3	21	21
	M 6	10	1	1	1	1	1	2	2	2
	A 8,4		2	2	2	2	2	2	2	2
	A 8,4 x 21		8	10		8	8		12	12
	A 6,4	3	1	1	1	1	1	2	2	2
	A 6,4 x 18	6								
	M 6 A 6	1								
	M 8 A 8		1	1	1	1	1	1	1	1
		3	3	3	3	3	3	4	4	4
	M 8 x 45		4	5		4	4		6	6
	M 6 x 25	3								
	4,8 x 9,5	4	12	12	12	8	12	16	16	16
		1	1	1	1	1	1	2	2	2

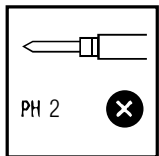


**SM 2432.000**

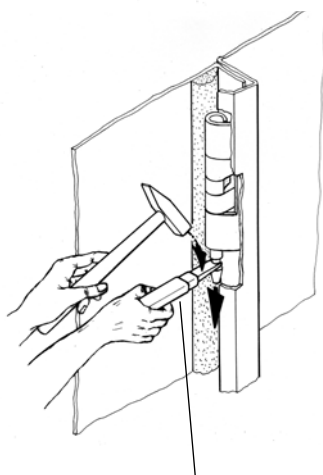
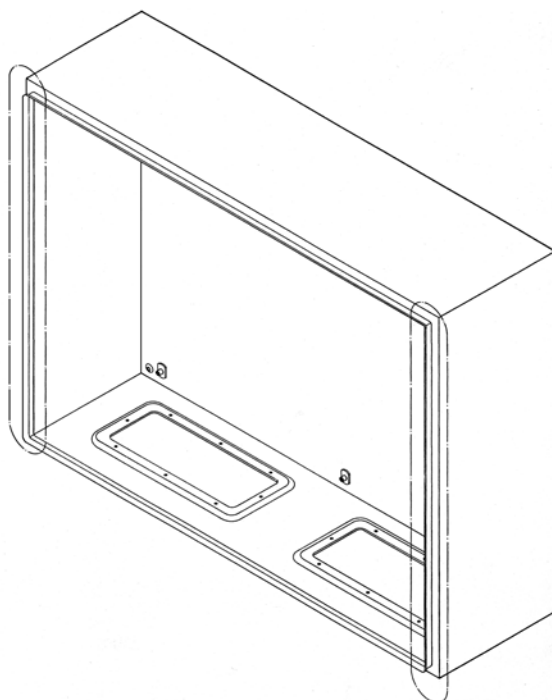
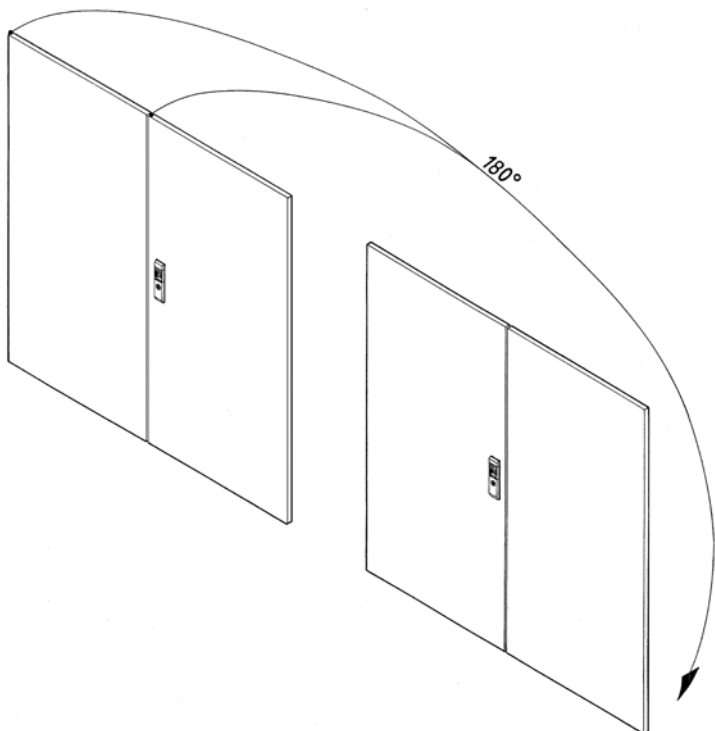
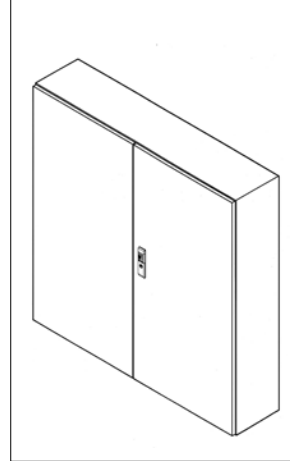
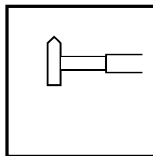
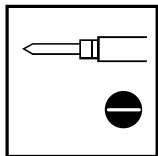


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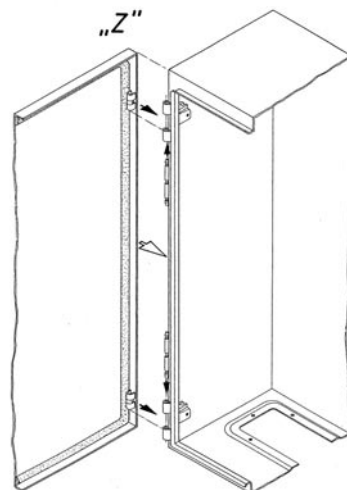
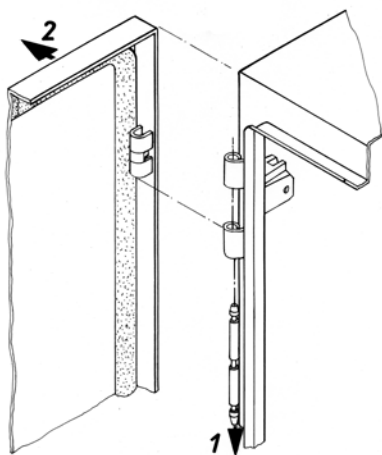


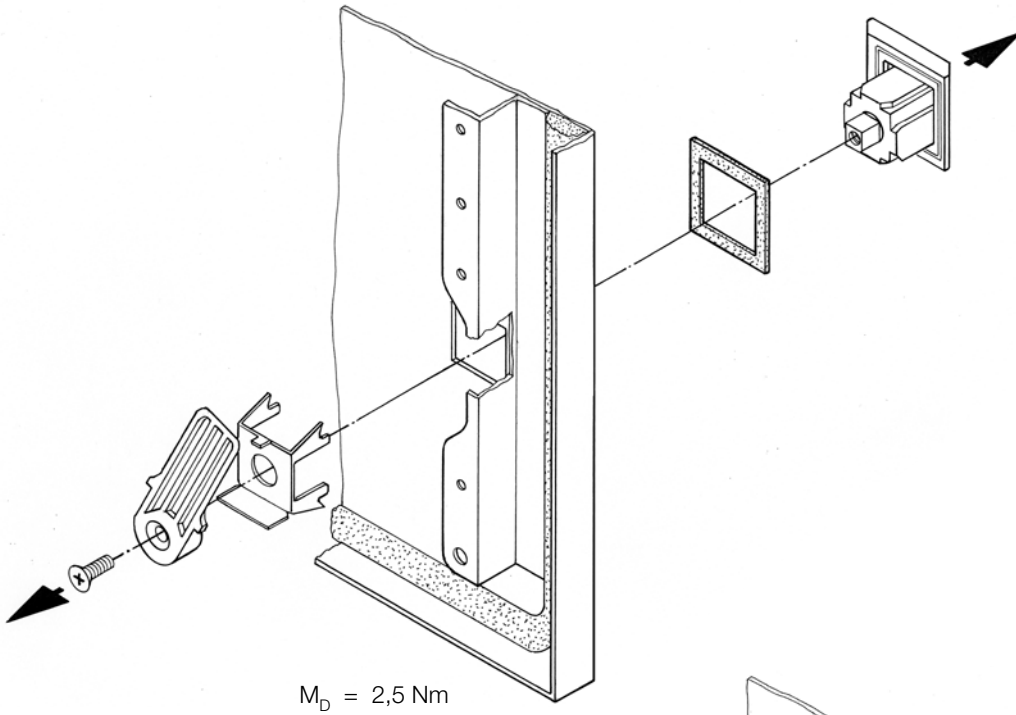
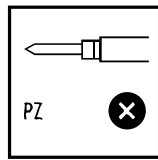
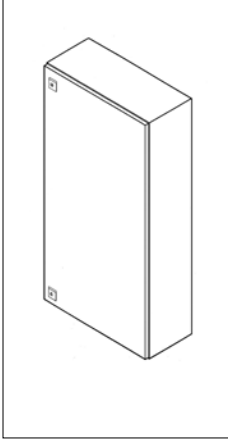


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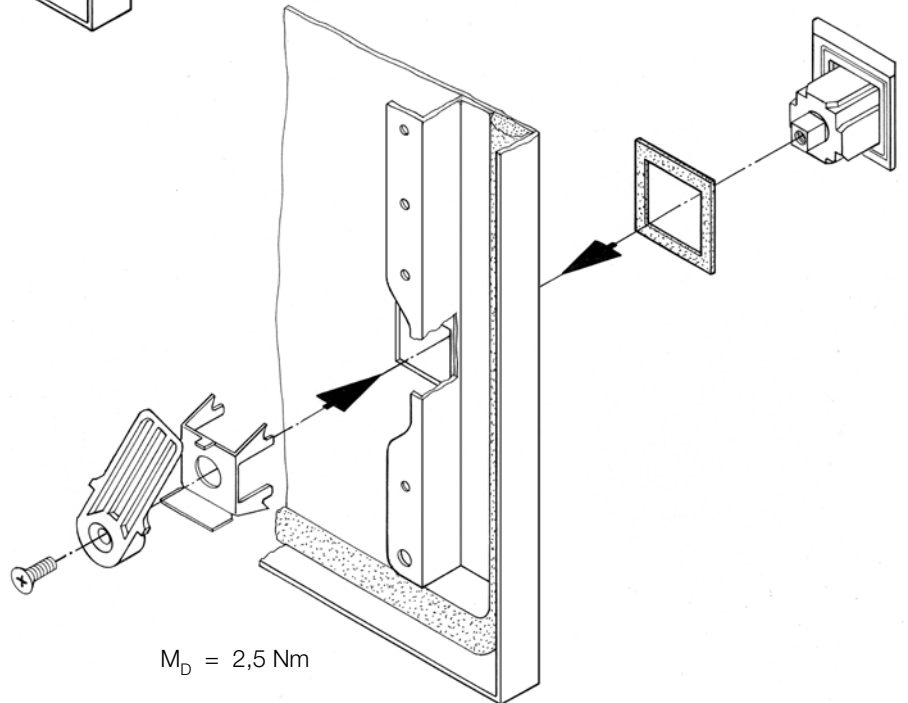


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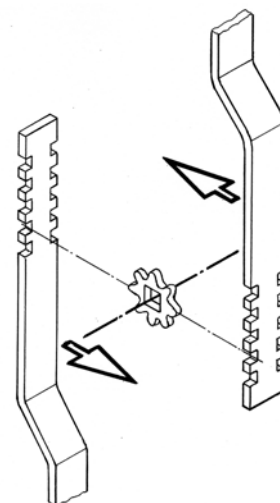
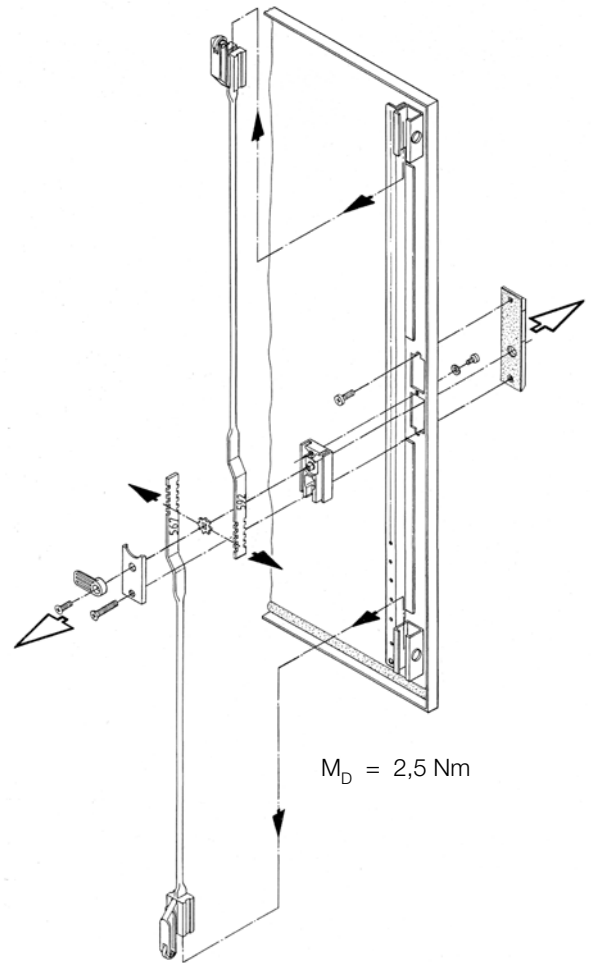
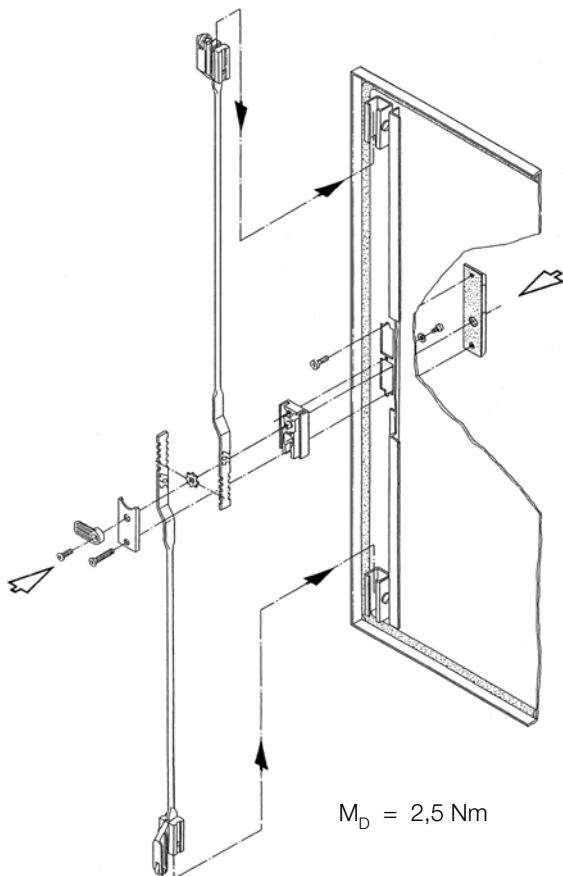
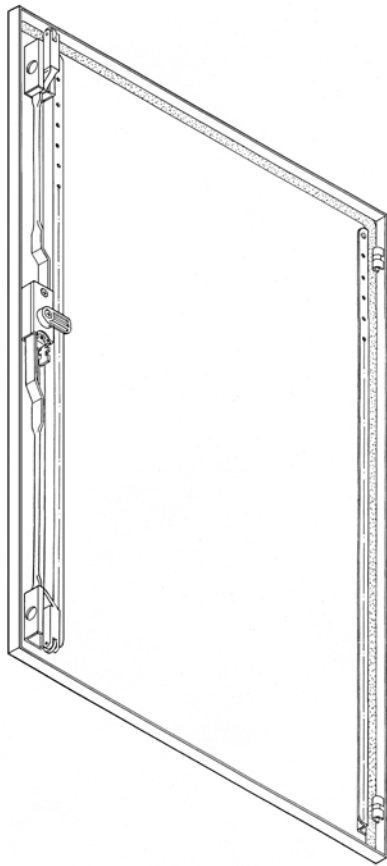
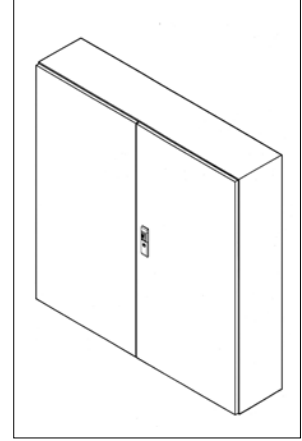
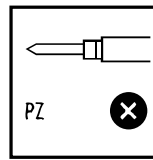


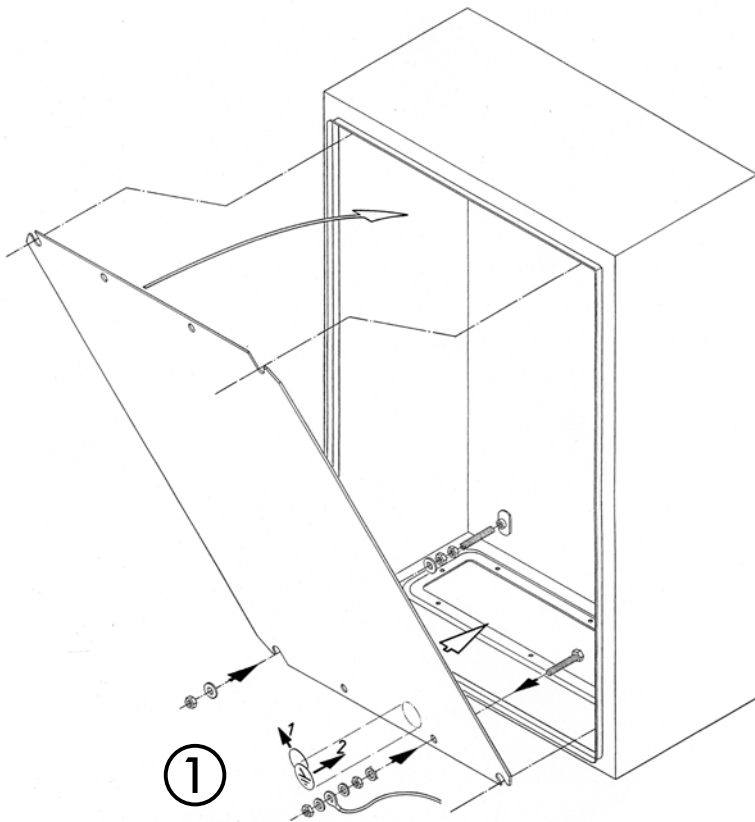
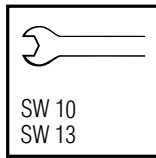
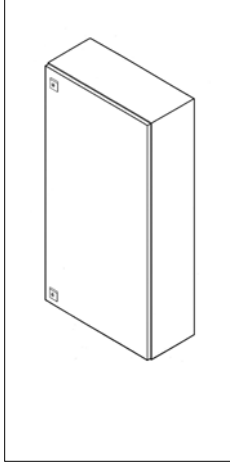


$M_D = 2,5 \text{ Nm}$



$M_D = 2,5 \text{ Nm}$

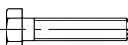







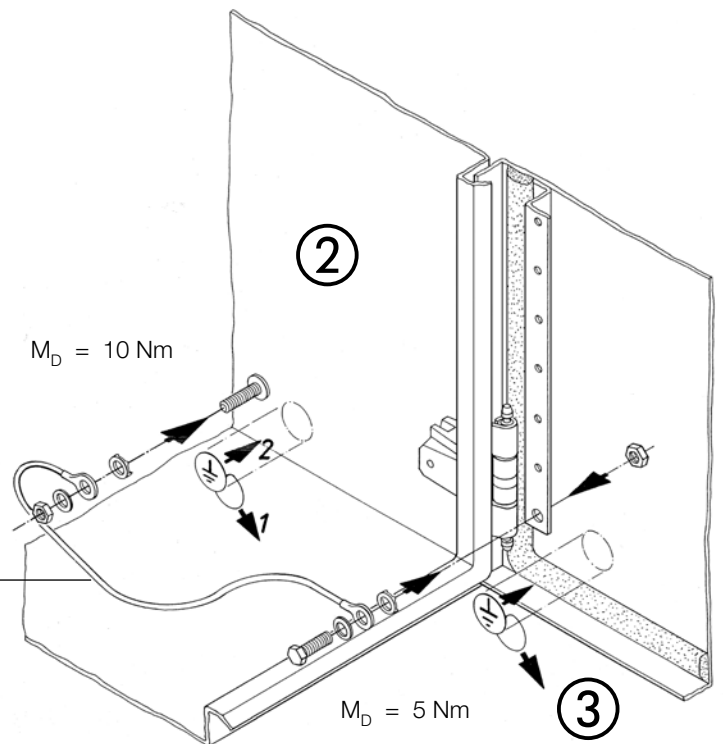


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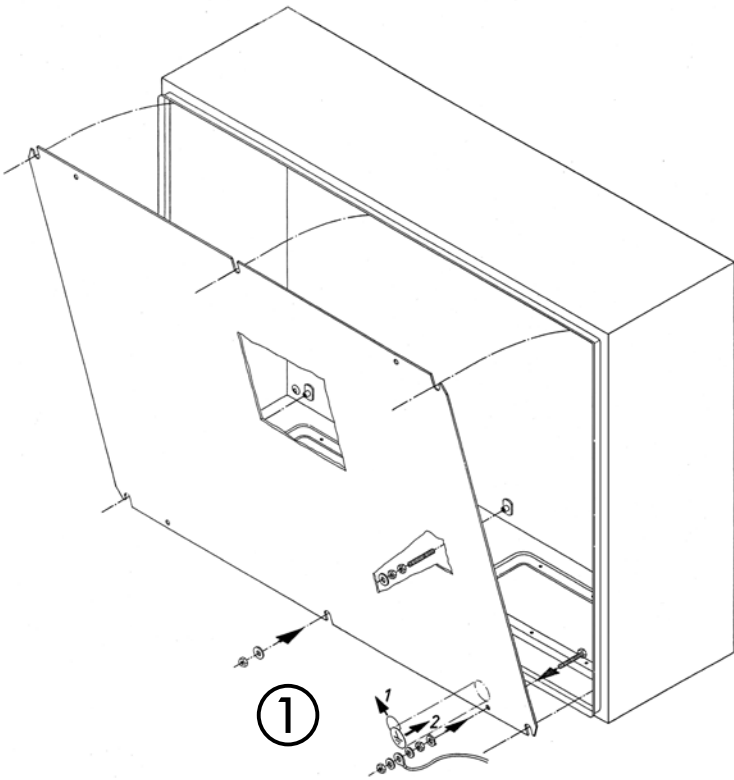
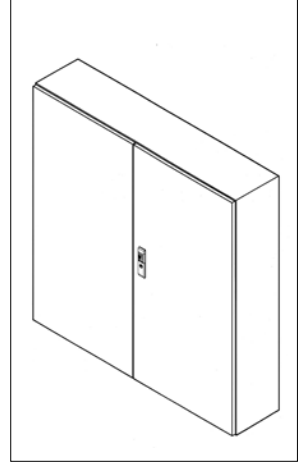
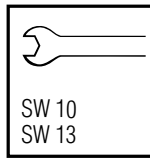
$$T_K = 8,1 \cdot 10^6 \text{ A}^2 \text{ s}$$

$$M_D = 10 \text{ Nm}$$

		①	②	③
	M 8 x 30	1		
	M 6 x 12			1
	Ø 8,2	1	1	
	Ø 6,1			1
	M 8	2	1	
	M 6			1
	A 8,4	1	1	
	A 6,4			1
	A 8	1		
		1	1	1



**SZ 2564.010**

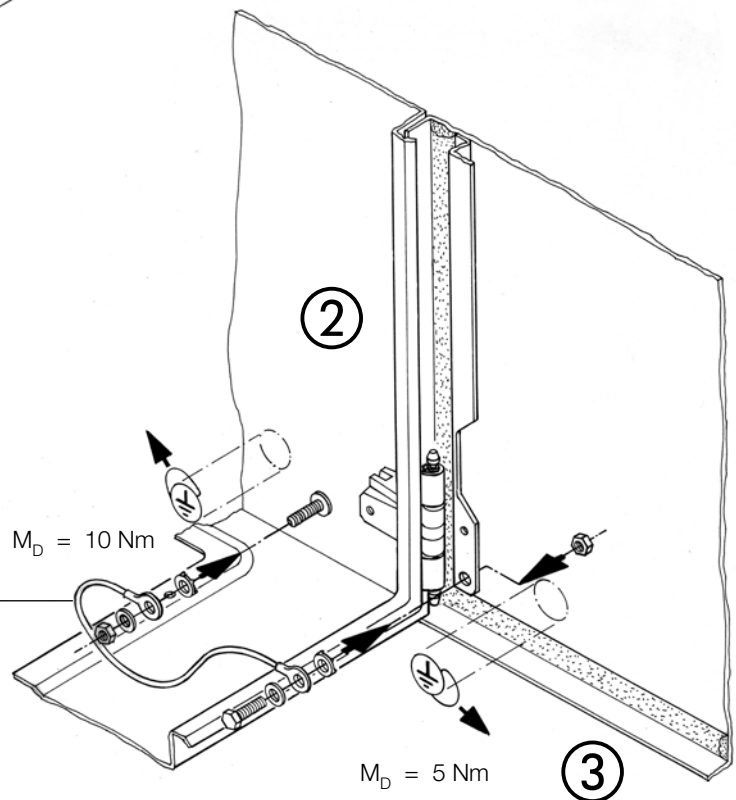


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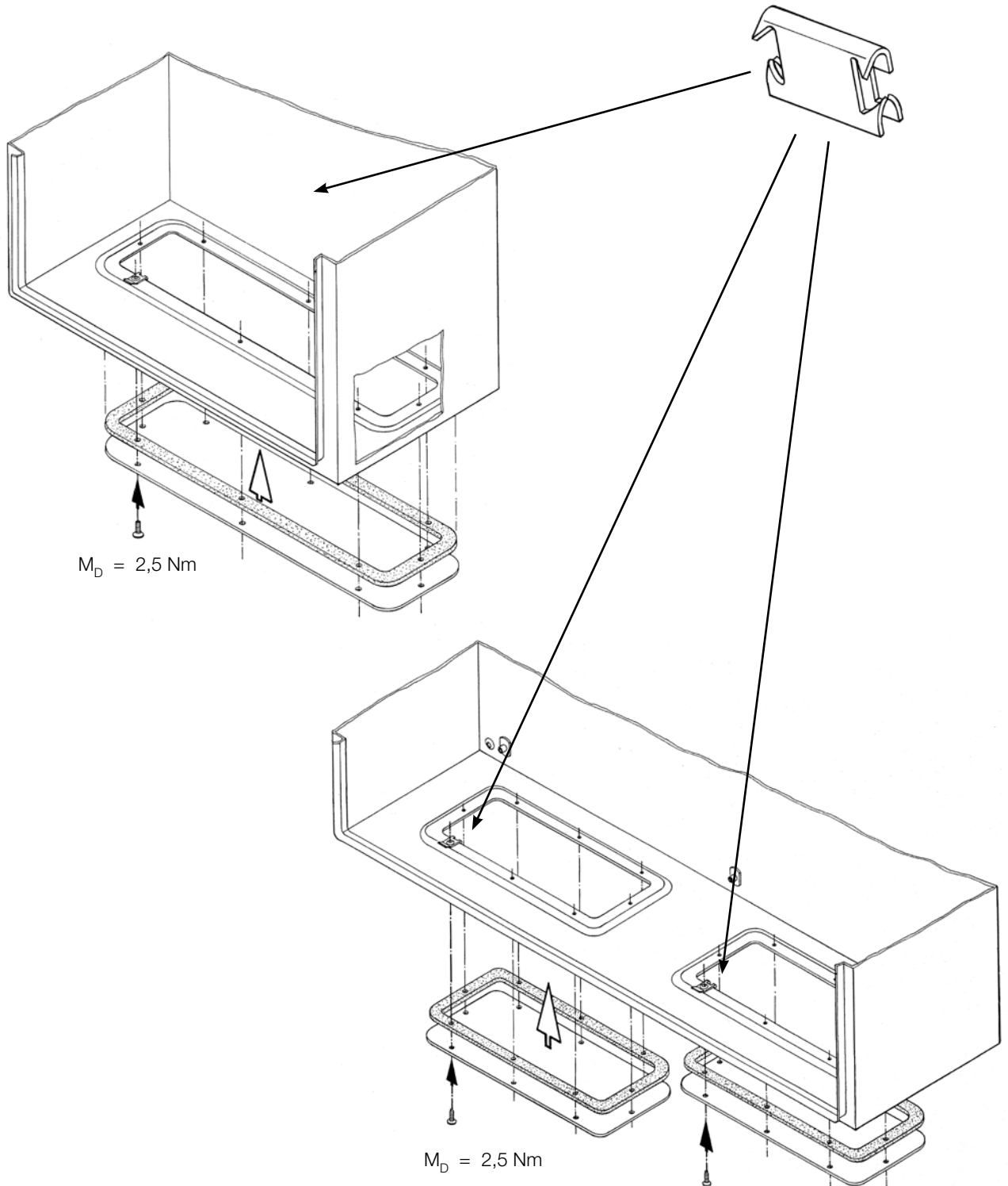
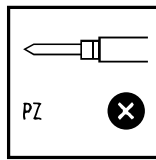
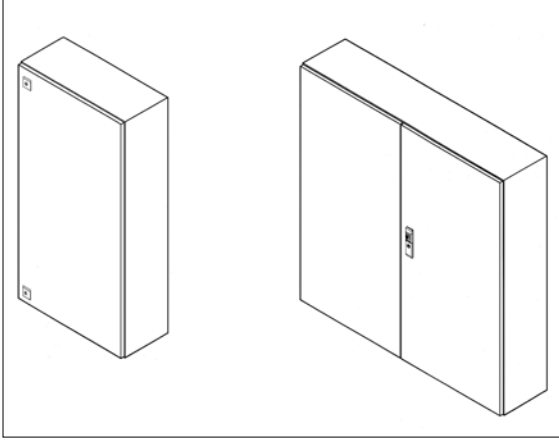
$$T_K = 8,1 \cdot 10^6 \text{ A}^2 \text{ s}$$

$$M_D = 10 \text{ Nm}$$

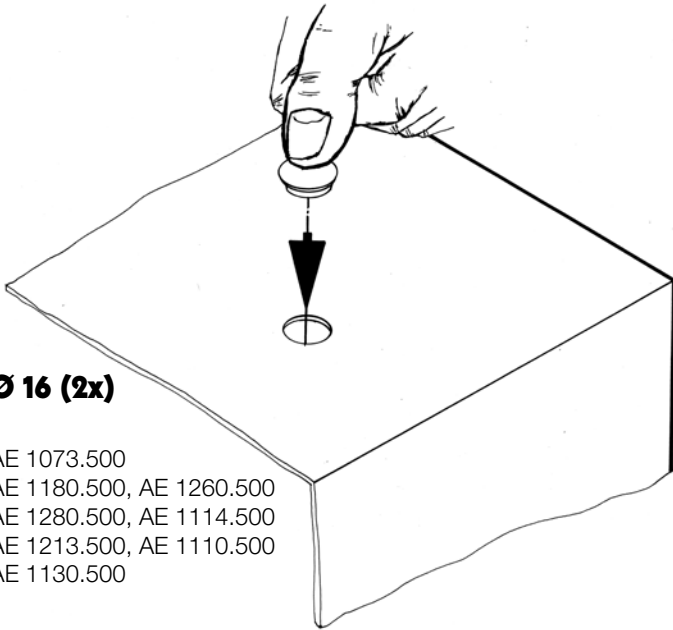
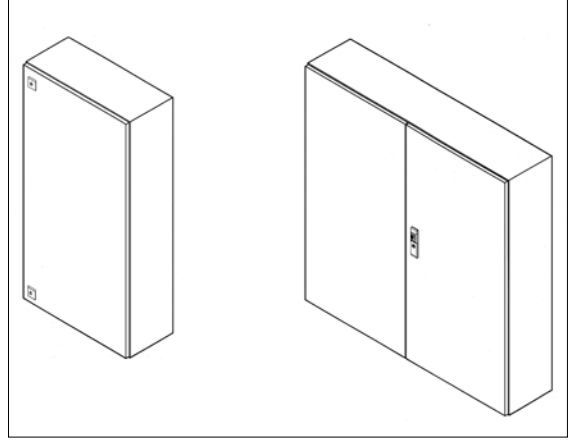
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	M 8 x 30	1		
	M 6 x 12			1
	Ø 8,2	1	1	
	Ø 6,1			1
	M 8	2	1	
	M 6			1
	A 8,4	1	1	
	A 6,4			1
	A 8	1		
		1	1	1



**SZ 2564.010**



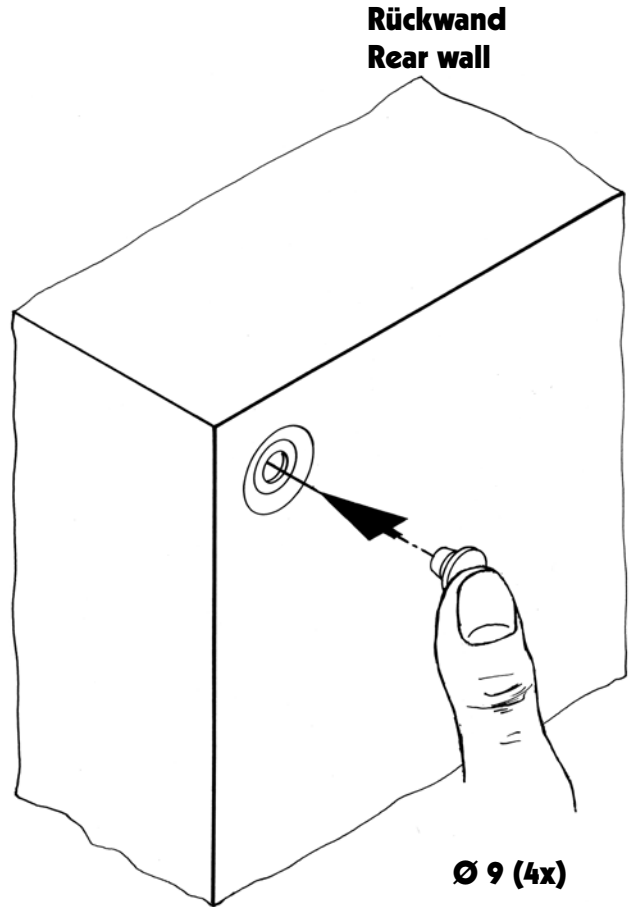
# IP!



**Dach  
Roof**

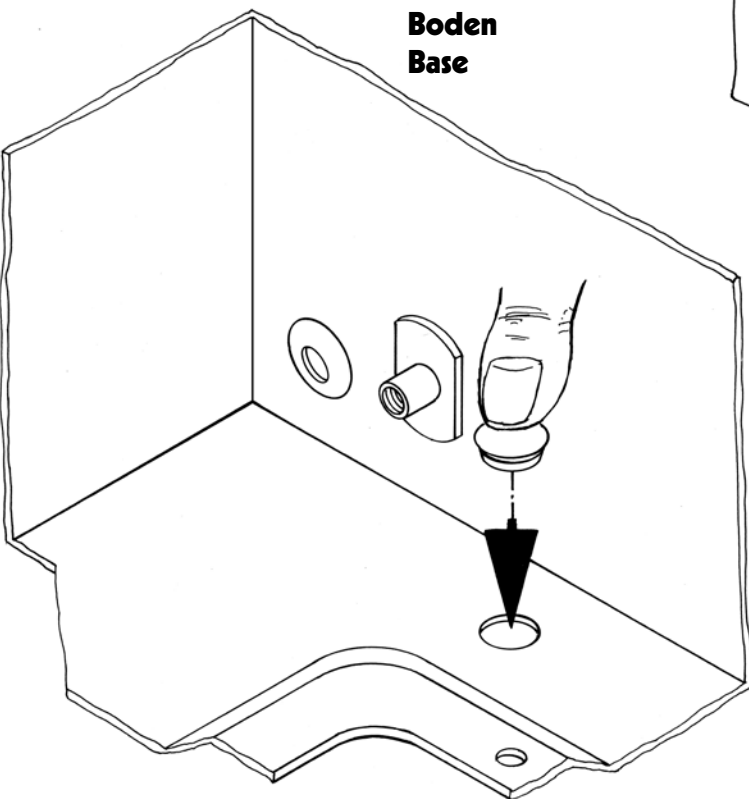
**Ø 16 (2x)**

AE 1073.500  
AE 1180.500, AE 1260.500  
AE 1280.500, AE 1114.500  
AE 1213.500, AE 1110.500  
AE 1130.500



**Rückwand  
Rear wall**

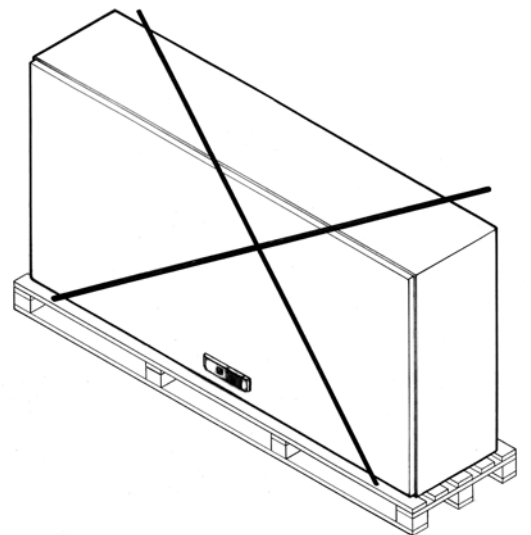
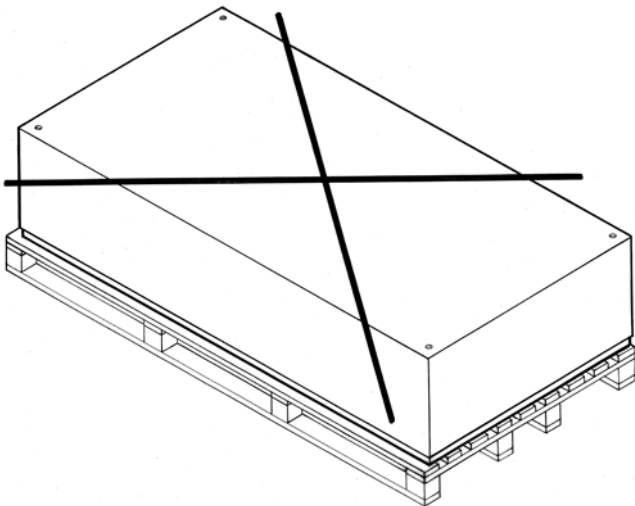
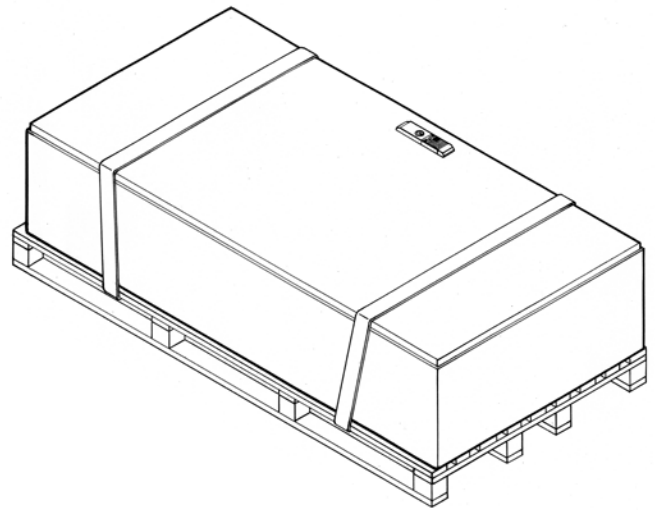
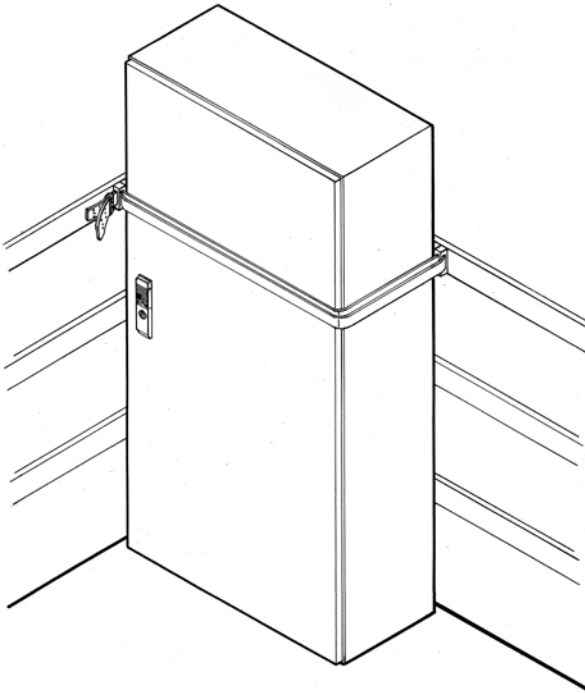
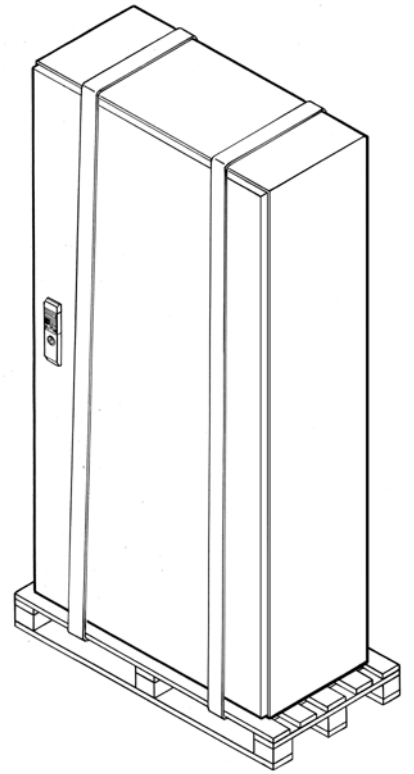
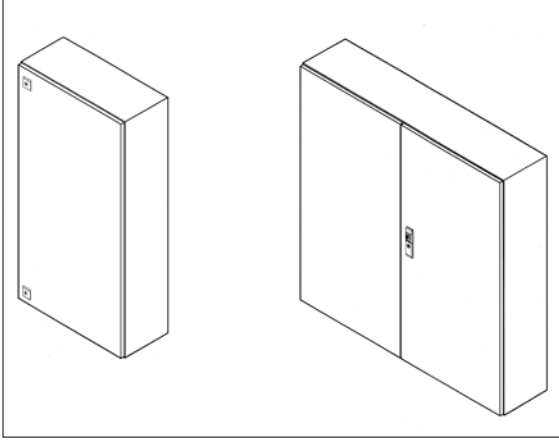
**Ø 9 (4x)**

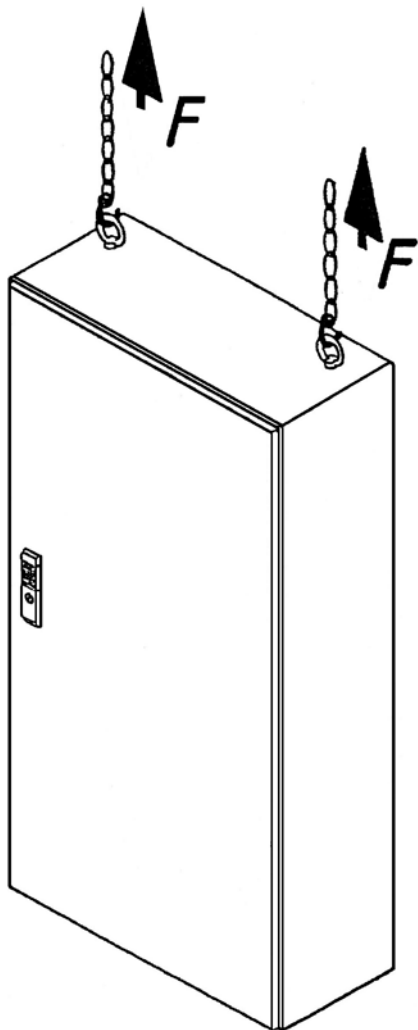
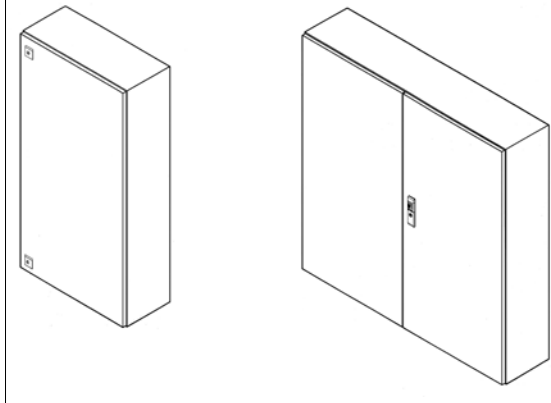
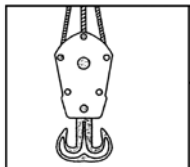


**Boden  
Base**

**Ø 16 (4x)**

AE 1180.500, AE 1260.500  
AE 1280.500, AE 1114.500  
AE 1213.500, AE 1110.500  
AE 1130.500





Bei symmetrischer Belastung gilt eine zulässige Gesamtbelastung

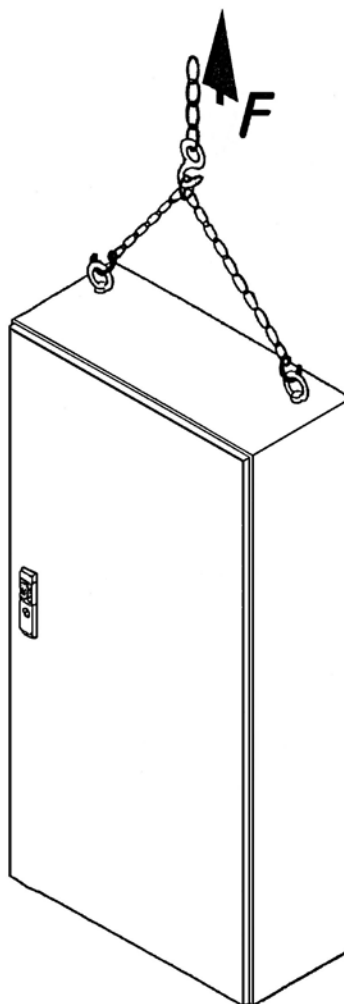
With symmetrical load as shown above the permissible overall loading capacity is

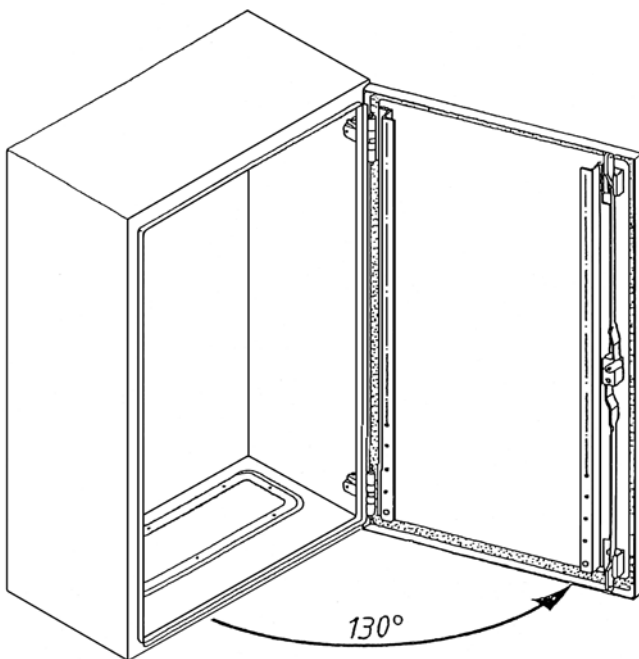
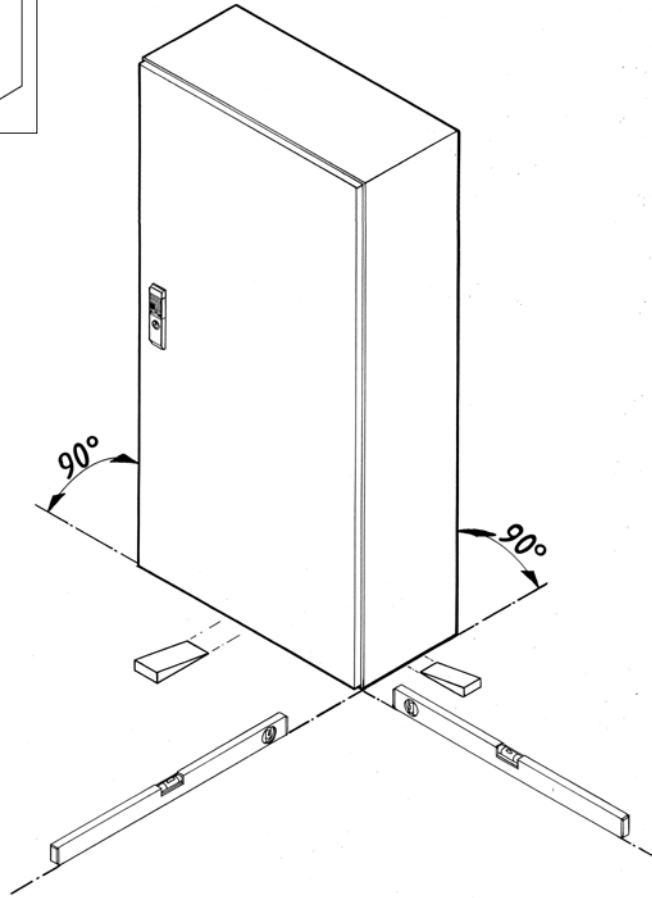
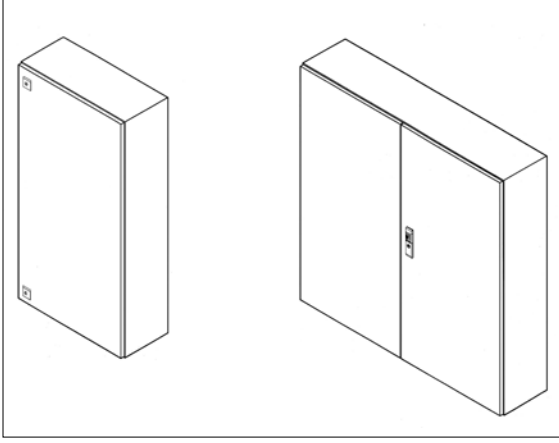
△ 45° von/of  $F = 2400 \text{ N}$

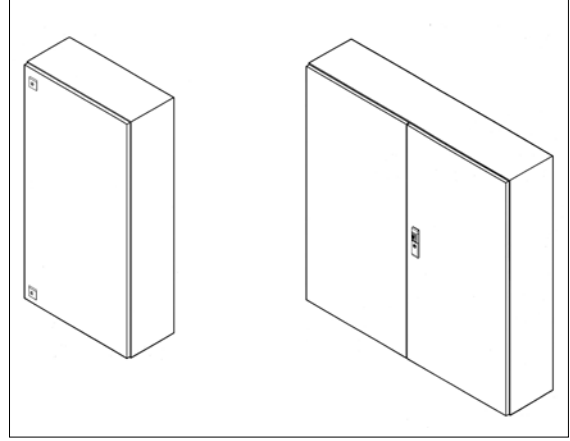
△ 60° von/of  $F = 3200 \text{ N}$

Transport bei symmetrischer Belastung senkrecht nach oben beträgt die Belastung je Ringöse (SZ 2509.000)  $F = 2000 \text{ N}$

With symmetrical load going vertically upwards the transport load capacity per eyebolt (SZ 2509.000) is  $F = 2000 \text{ N}$



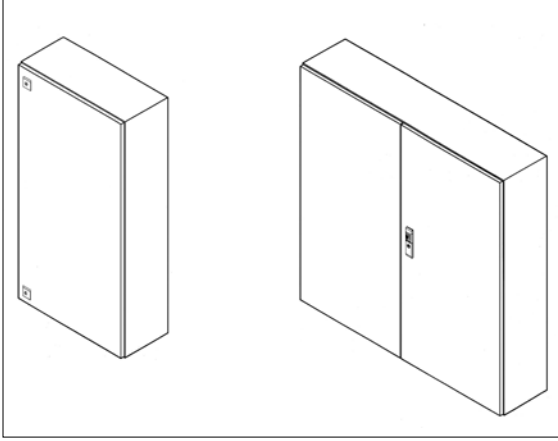




## Technische Daten AE

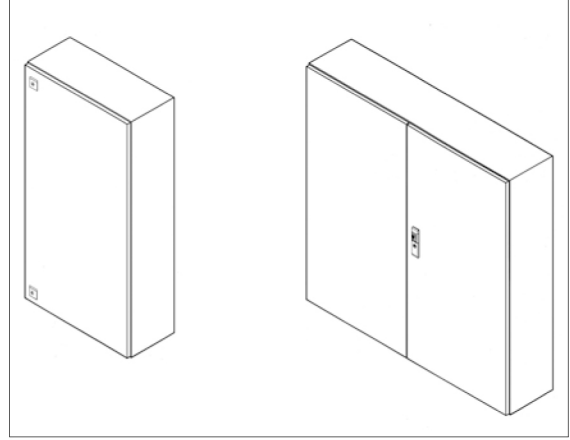
### Technical Data AE

Best.-Nr.: Order Number:	Abmaße [mm] Dimensions [mm]			Volumen Volume [l]	Ausführung der Montageplatte Execution Mounting Plate		Belastung [N] Load [N]		
	Breite Spreads	Höhe Height	Tiefe Deep		Dicke Thickness	[mm] [mm]	Gesamt Entirely	Montageplatte Mounting Plate	Tür Door
1032.500	200	300	120	7,20	2,0	900	600	250	
1035.500	200	300	155	9,30	2,0				
1036.500	300	300	155	13,95	2,0				
1033.500	300	300	210	18,90	2,0				
1034.500	300	400	210	25,20	2,0				
1030.500	380	300	155	17,67	2,0				
1031.500	380	300	210	23,94	2,0				
1045.500	400	500	210	42,00	2,0				
1380.500	380	380	210	30,32	2,0				
1038.500	380	600	210	47,88	2,5	1300	1000	250	
1338.500	380	600	350	79,80	2,5				
1050.500	500	500	210	52,50	2,5				
1350.500	500	500	300	75,00	2,5				
1039.500	600	380	210	47,88	2,0				
1339.500	600	380	350	79,80	2,0				
1037.500	400	800	300	96,00	2,5	1500	1200	250	
1057.500	500	700	250	87,50	3,0				
1060.500	600	600	210	75,60	2,5				
1054.500	600	600	250	90,00	2,5				
1360.500	600	600	350	126,00	2,5				
1076.500	600	760	210	95,76	3,0	1800	1500	250	
1376.500	600	760	350	159,60	3,0				
1058.500	600	800	250	120,00	3,0				
1077.500	760	760	210	121,30	3,0				
1073.500	760	760	300	173,28	3,0				
1055.500	800	600	300	144,00	2,5	2500	2000	250	
1090.500	600	1000	250	150,00	3,0				
1180.500	800	1000	300	240,00	3,0	2500	2000	400	
1100.500	1000	760	210	159,60	3,0				
1130.500	1000	760	300	228,00	3,0				
1110.500	1000	1000	300	300,00	3,0				
1260.500	600	1200	300	216,00	3,0	3000	2500	400	
1280.500	800	1200	300	288,00	3,0				
1213.500	1000	1200	300	360,00	3,0				
1114.500	1000	1400	300	420,00	3,0				



**Thermische Wärmeabfuhr AE-Gehäuse in Abhängigkeit vom Einbauort**  
**Thermal energy dissipation as a function of the location**

Best.-Nr.: Order Number :			
	20	23	15
1032.500	20	23	15
1030.500	36	41	28
1031.500	42	47	31
1033.500	36	40	25
1034.500	45	51	33
1035.500	23	26	17
1036.500	30	34	23
1037.500	116	130	85
1038.500	73	83	55
1039.500	70	80	54
1045.500	65	74	48
1050.500	76	87	58
1054.500	108	124	84
1055.500	146	167	112
1057.500	108	123	83
1058.500	136	157	108
1060.500	100	116	79
1073.500	169	195	132
1076.500	121	141	98
1077.500	145	171	119
1090.500	165	191	131
1100.500	182	215	151
1110.500	260	304	210
1114.500	345	407	285
1130.500	208	242	165
1180.500	220	255	175
1213.500	303	355	248
1260.500	210	242	164
1280.500	256	298	206
1338.500	97	107	68
1339.500	94	103	66
1350.500	91	102	66
1360.500	130	145	95
1376.500	155	175	116
1380.500	51	57	37



## Schutzgrade AE Degrees of protection

Best.-Nr.: Order Number :	Schutzgrad		
	IP <sup>1)</sup>	IK <sup>2)</sup>	NEMA <sup>3)</sup>
1030.500	66	08	4
1031.500	66	08	4
1032.500	55	08	12
1033.500	66	08	4
1034.500	66	08	4
1035.500	55	08	12
1036.500	66	08	4
1037.500	66	08	4
1038.500	66	08	4
1039.500	66	08	4
1045.500	66	08	4
1050.500	66	08	4
1054.500	66	08	4
1055.500	56	08	12
1057.500	56	08	4
1058.500	56	08	4
1060.500	66	08	4
1073.500	56	08	4
1076.500	56	08	4
1077.500	56	08	4
1090.500	56	08	4
1100.500	55	08	12
1110.500	55	08	12
1114.500	55	08	12
1130.500	55	08	12
1180.500	56	08	4
1213.500	55	08	12
1260.500	56	08	12
1280.500	56	08	12
1338.500	66	08	4
1339.500	66	08	4
1350.500	66	08	4
1360.500	66	08	4
1376.500	56	08	4
1380.500	66	08	4

1) nach IEC 60529

2) nach DIN EN 50102

3) nach NEMA-Standards (Publikation Nr. 250, bis 1000 Volt max.)

**Notizen**  
**Notes**

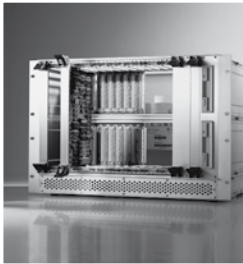




Schaltschrank-Systeme  
Industrial enclosures  
Coffrets et armoires électriques  
Kastsystemen  
Apparatskåpssystem  
Armadi per quadri di comando  
Sistemas de armarios  
インダストリアル エンクロージャー



Stromverteilung  
Power distribution  
Distribution de courant  
Stroomverdelingscomponenten  
Strömfördelning  
Distribuzione di corrente  
Distribución de corriente  
分電・配電システム



Elektronik-Aufbau-Systeme  
Electronic packaging  
Electronique  
Electronic Packaging Systems  
Electronic Packaging  
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Sistemas de montaje para la electronica  
エレクトロニクス パッケージシステム



System-Klimatisierung  
System climate control  
Climatisation  
Systeemklimatisering  
Systemklimatisering  
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Climatización de sistemas  
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コミュニケーションシステム