Rittal

AE
Edelstahl

AE
Stainless steel



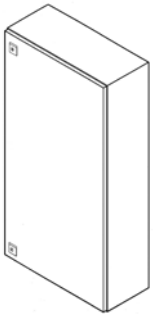
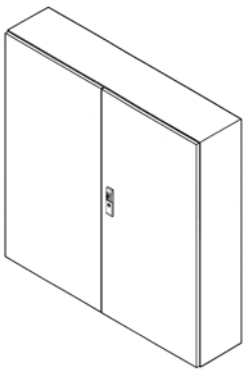
AE 1001.600
AE 1002.600
AE 1003.600
AE 1004.600
AE 1005.600
AE 1006.600
AE 1007.600
AE 1008.600
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AE 1010.600
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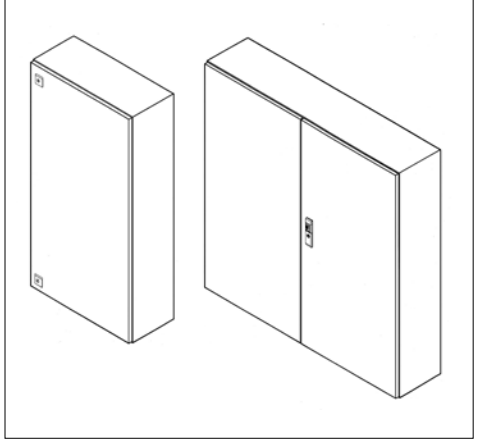
Montage- und Bedienungsanleitung
Assembly and operating instructions
Notice de montage et mode d'emploi
Montage- en bedieningshandleiding
Montage- och bruksanvisning
Istruzioni di montaggio e uso
Instrucciones de montaje y empleo
取扱説明書

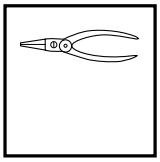
FRIEDHELM LOH GROUP

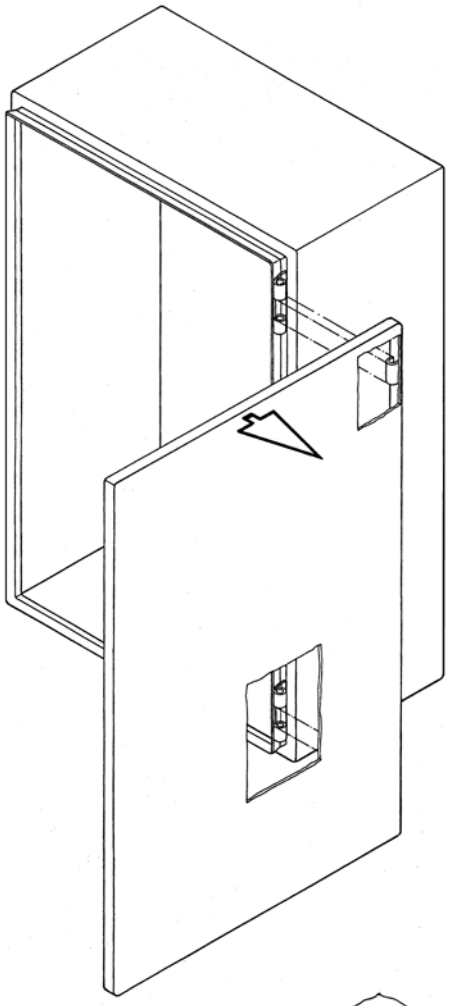
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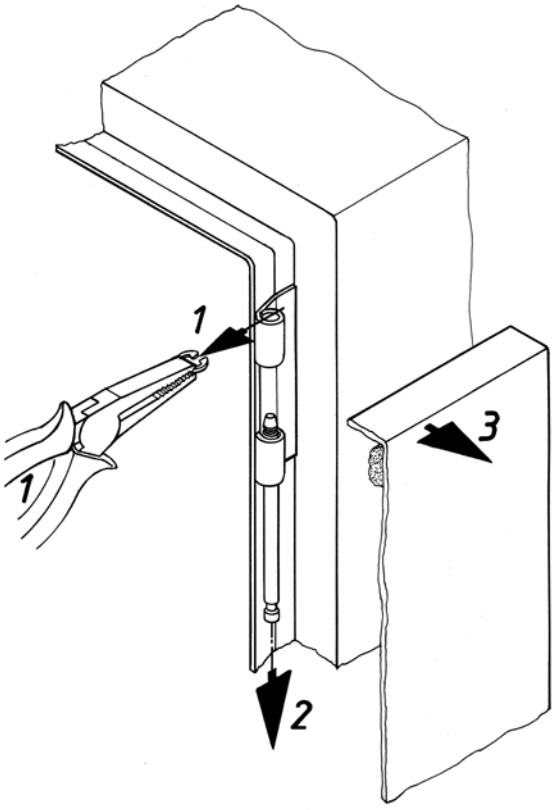
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Türanschlagwechsel/ How to swap the door hinge	4
Vorreiberverschluß, Umbau/ How to convert the camlock	5
Stangenverschluß, Umbau/ How to convert the locking rod	6
Montageplatte, Einbau/ How to install the mouting plate	7+ 8
Schutzleiteranschluß/ Earthing connection	7+ 8
Transport	9 + 10
Aufstellung/siting	11
Belastungstabelle/Load table	12
Verlustleistung/Heat loss	13
Schutzgrade/Degree of protection	14
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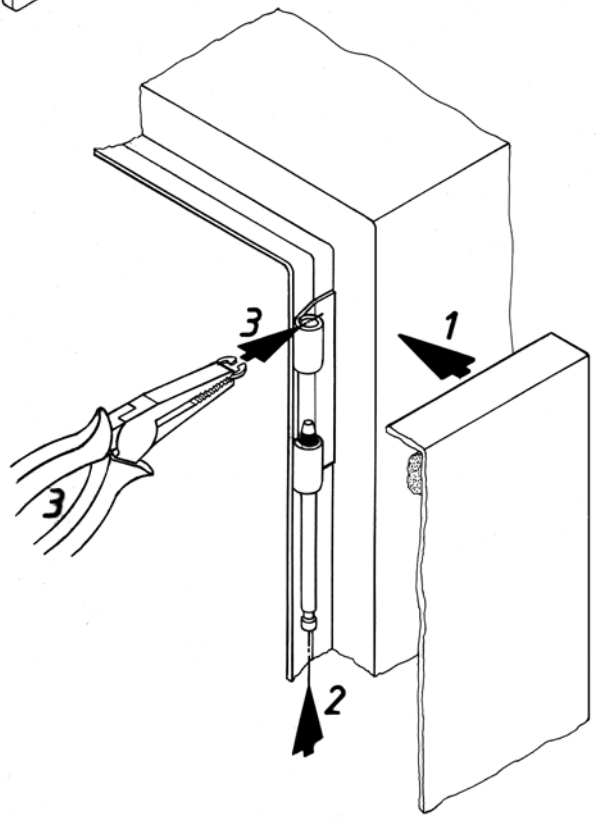
Inhalt / Versandbeutel **Contents / Dispatch bag**		 1001.600 1002.600	 1003.600 1004.600 1005.600 1006.600 1007.600 1008.600 1009.600 1010.600 1011.600 1012.600 1013.600 1014.600 1015.600	1016.600	1017.600	 1018.600	1119.600
		1	1	1	1	1	1
	M 8 x 30		1	1	1	1	1
	M 6 x 25	1					
	6 x 12	1					
	M 6 x 12	1	1	1	1	1	1
	Ø 6,2	1					
	Ø 8,2		1	1	1	1	1
	M 8		10	12	2	14	2
	M 6	9	1	1	1	2	2
	A 8,4		3	3	3	3	3
	A 8,4 x 21		8	10		12	
	A 6,4	5	2	2	2	4	4
	A 6,4 x 18	6					
M 8	A 8		2	2	2	2	2
M 6	A 6	3	1	1	1	2	2
		3	3	3	3	3	3
	M 8 x 45		4	5		6	
	M 6 x 25	3					

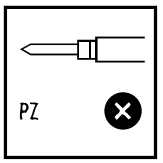


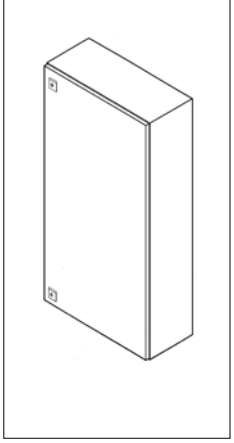


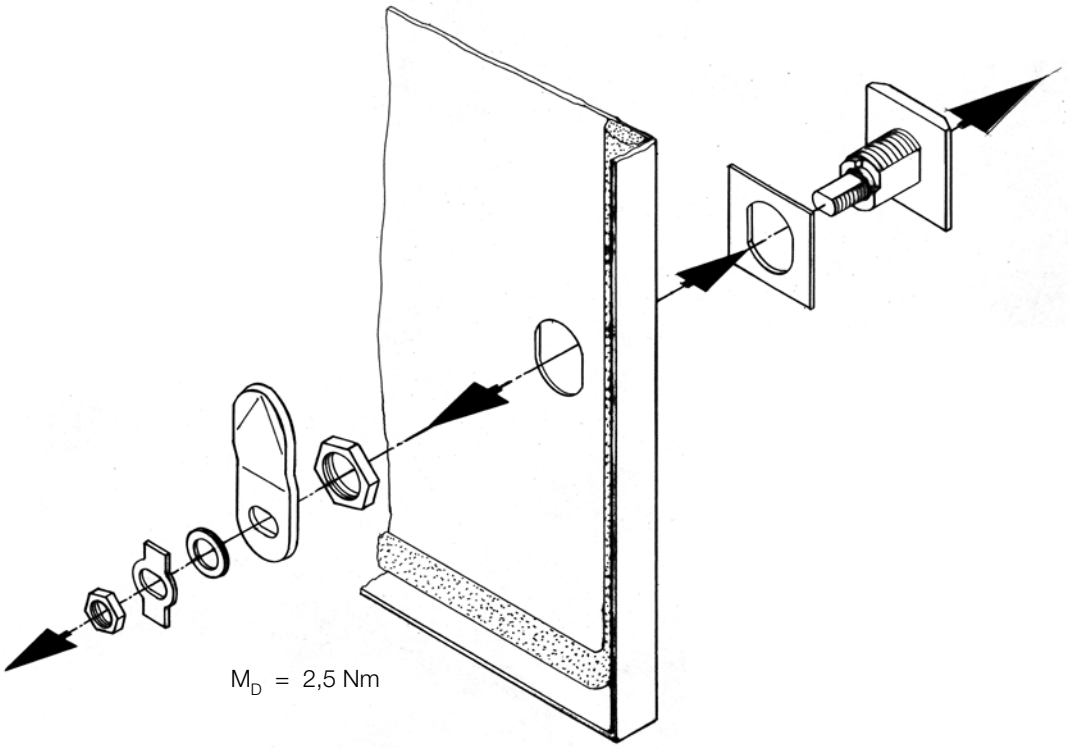



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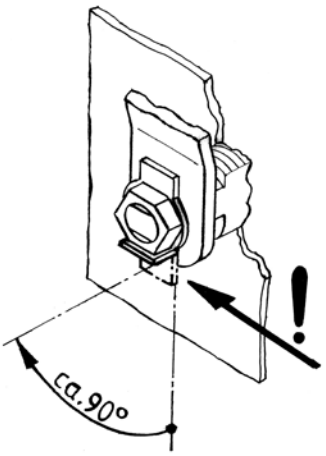

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1
3
2

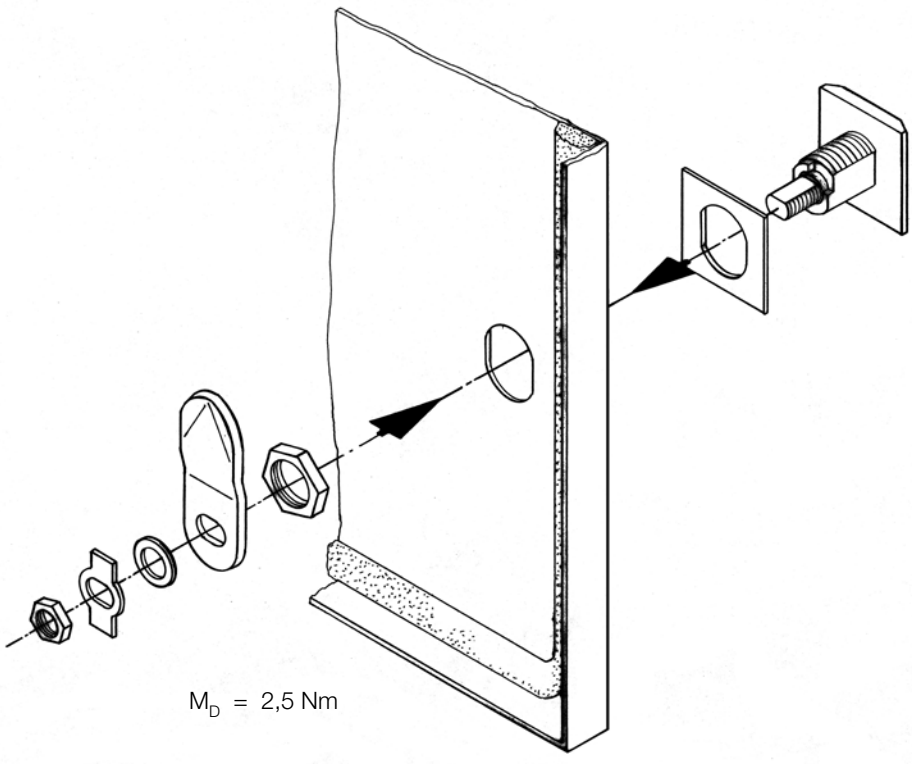




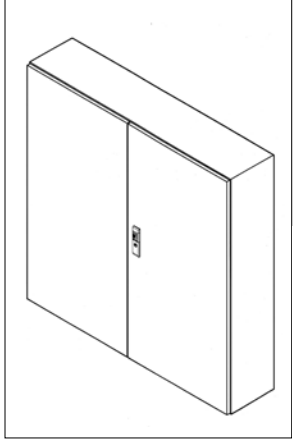


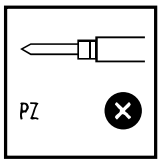
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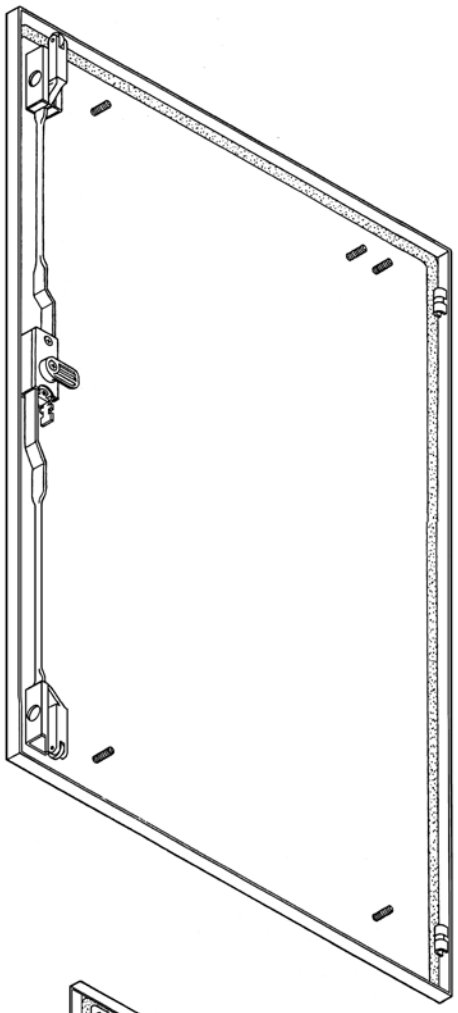


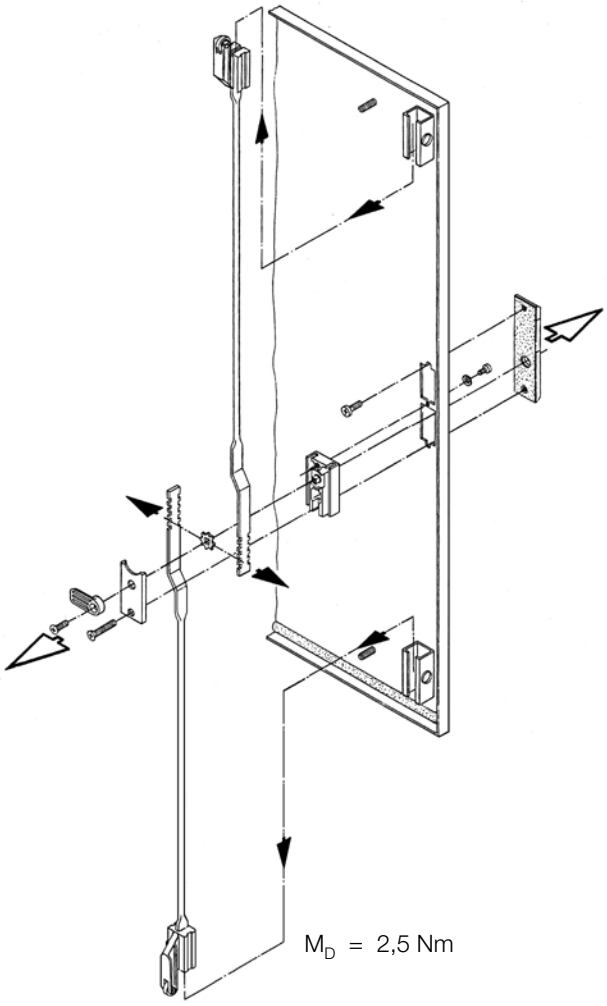


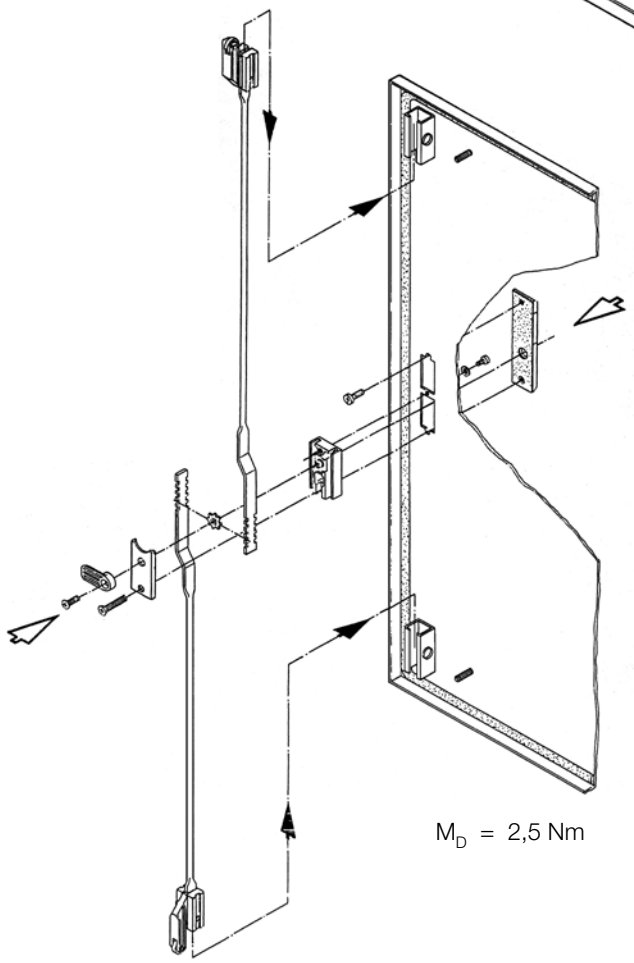
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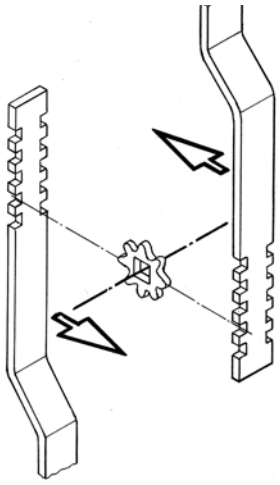



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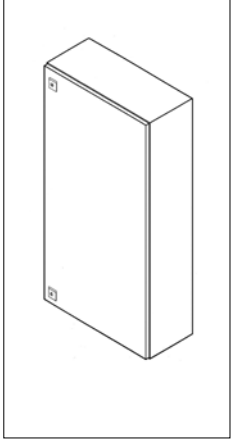



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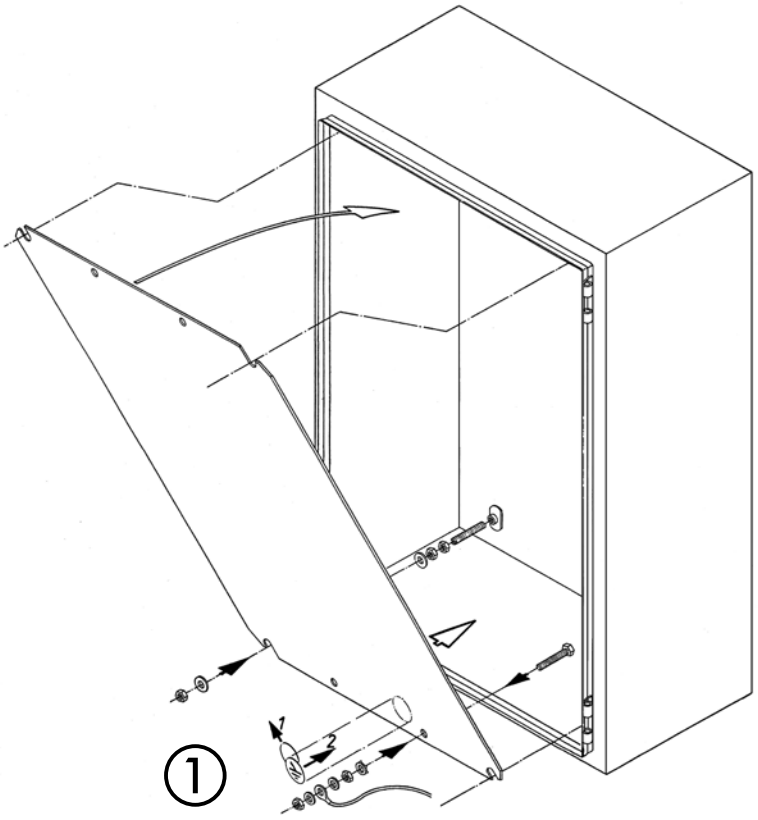

M_D = 2,5 Nm





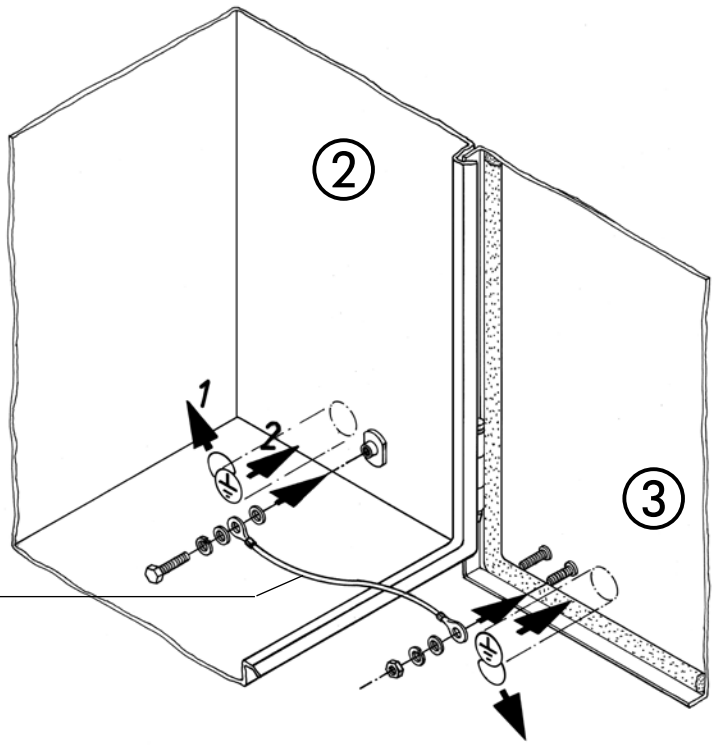


		①	②	③
	M 8 x 30	1		
	M 8 x 12		1	
	Ø 8,2	1		
	Ø 6,1			
	M 8	2		
	M 6			1
	A 8,4	1	2	
	A 6,4			2
	A 8	1	1	1
		1	1	1

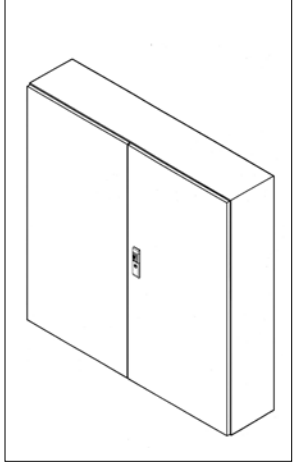


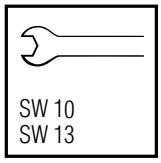
$T_K = 8{,}1 \cdot 10^6\ A^2\ s$

$M_D = 10\ Nm$

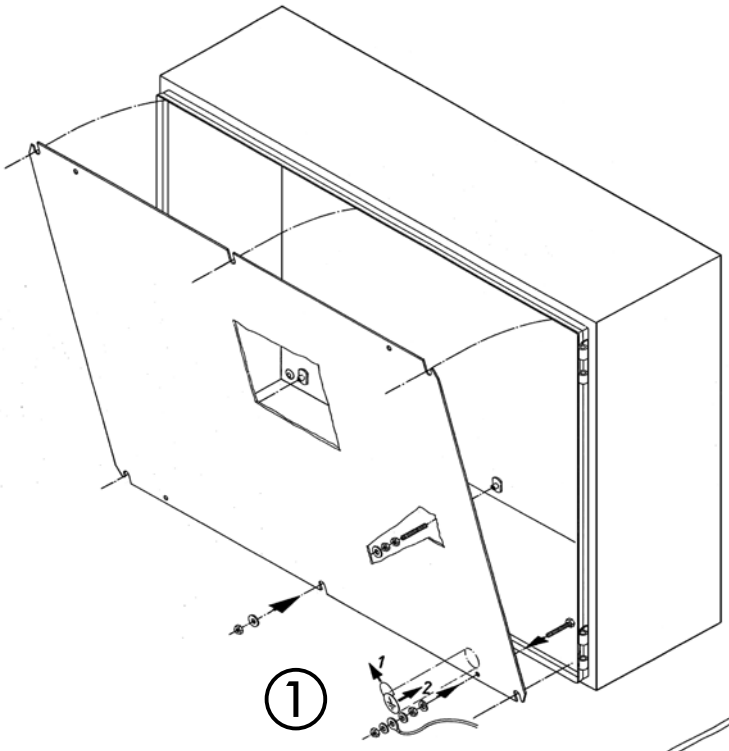


SZ 2564.010

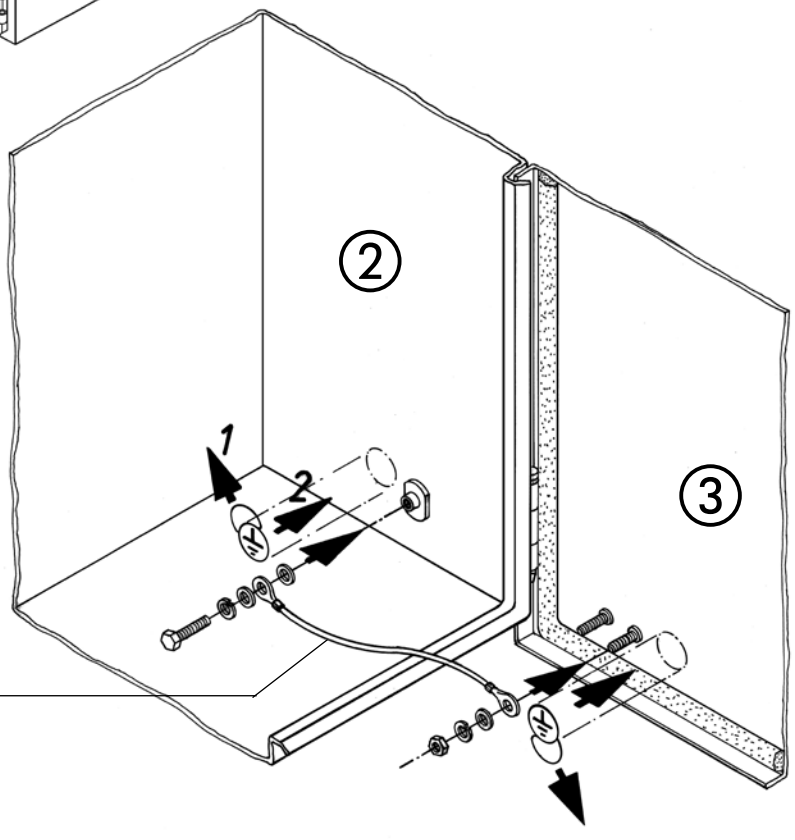




		①	②	③
	M 8 x 30	1		
	M 8 x 12		1	
	Ø 8,2	1		
	Ø 6,1			
	M 8	2		
	M 6			1
	A 8,4	1	2	
	A 6,4			2
	A 8	1	1	1
		1	1	1

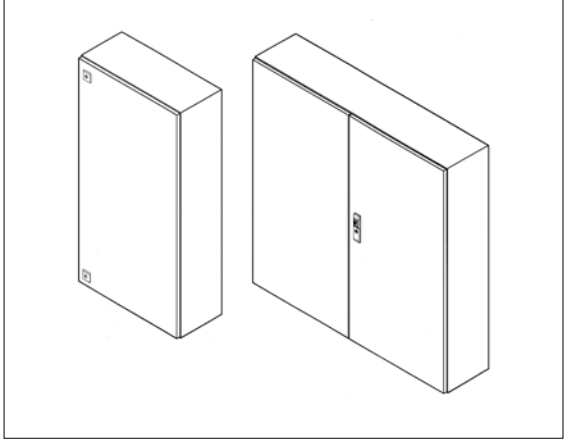


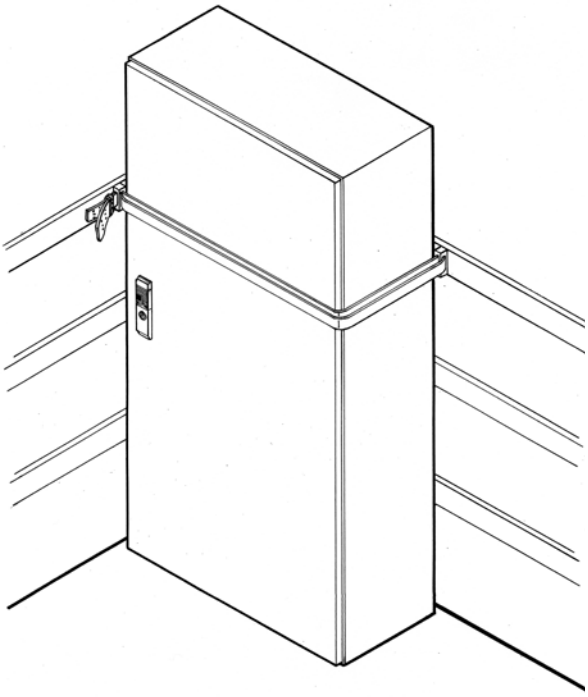
$T_K = 8{,}1 \cdot 10^6\ A^2\ s$
$M_D = 10\ Nm$

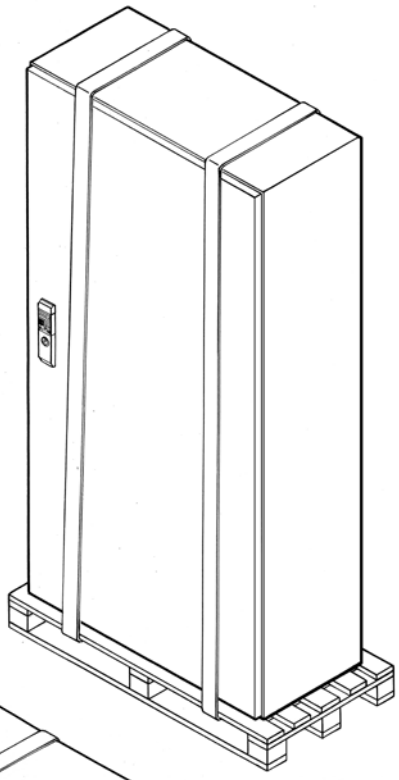


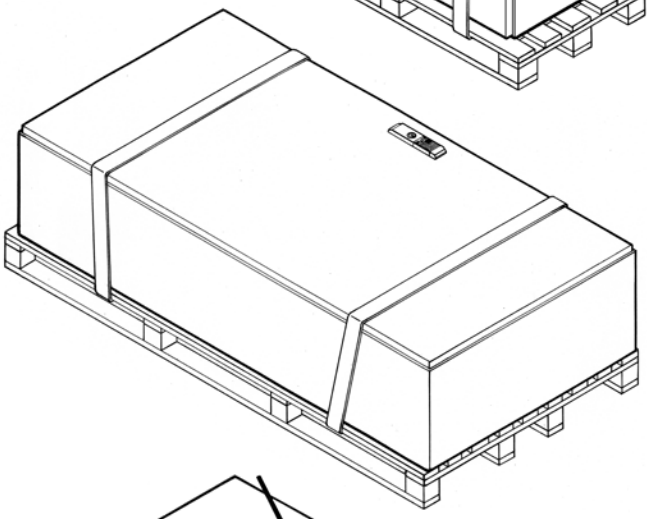
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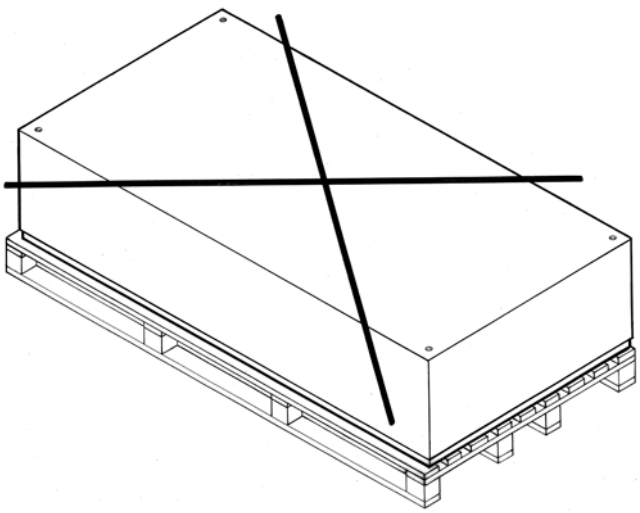


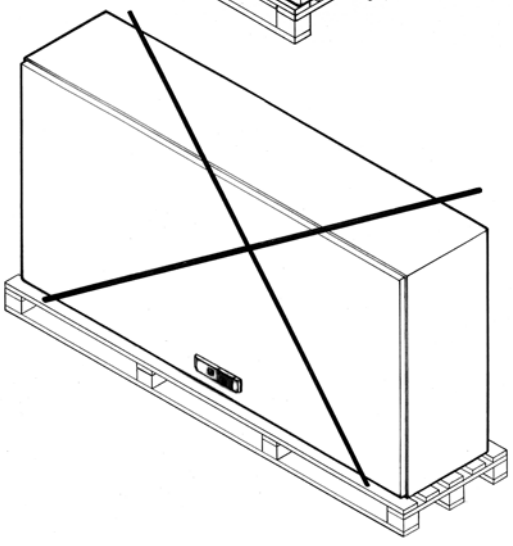


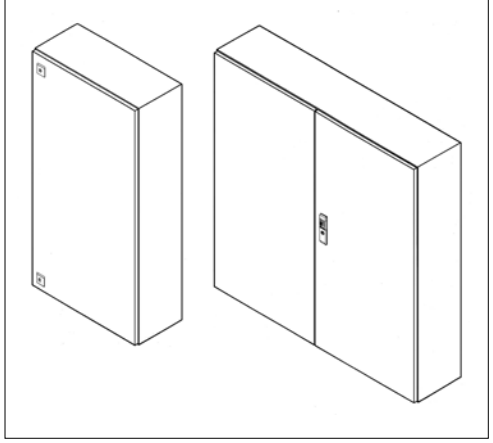


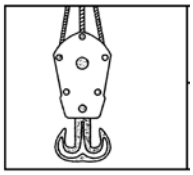


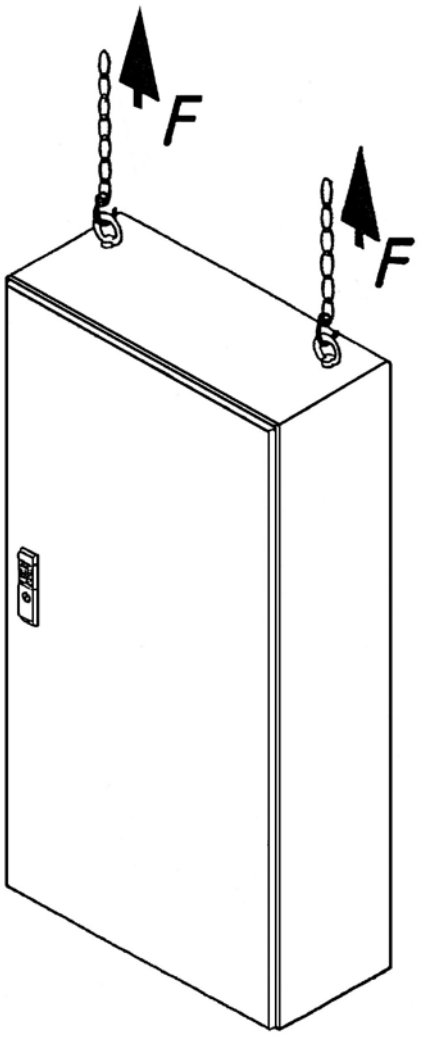












Bei symmetrischer Belastung gilt eine zulässige Gesamtbelastung

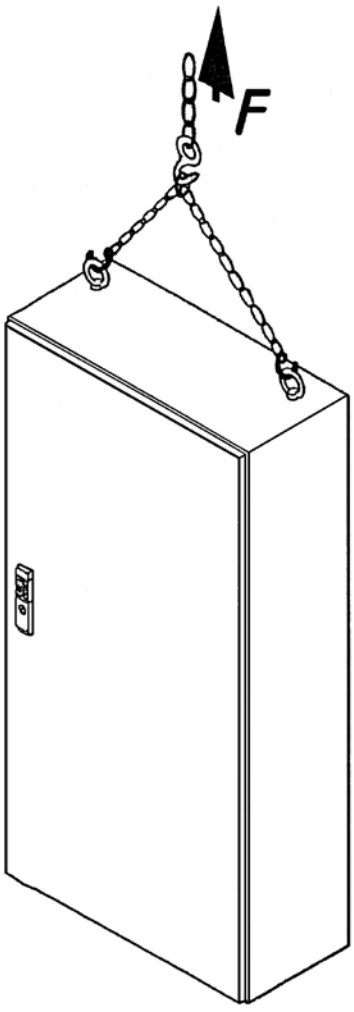
With symmetrical load as shown above the permissible pverall loading capacity is

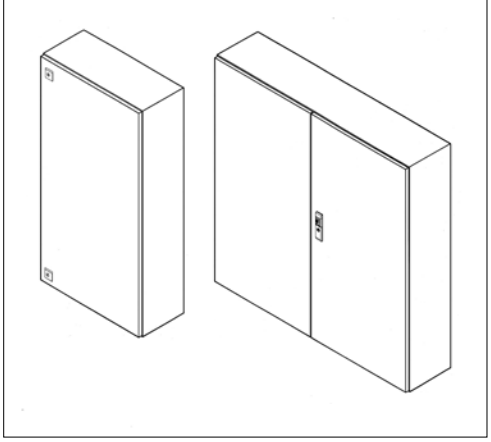
45° von/of F = 2400 N

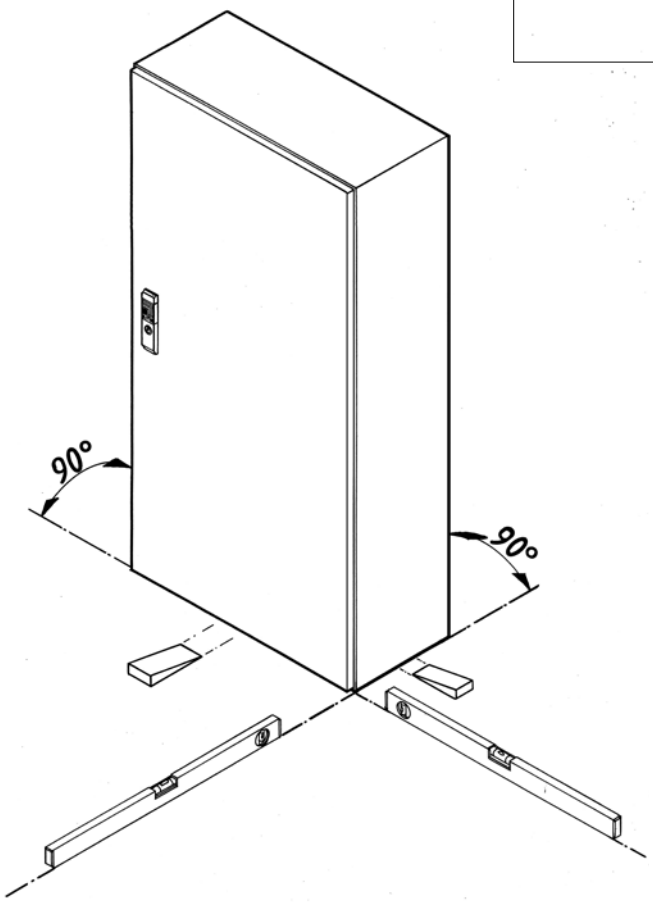
60° von/of F = 3200 N

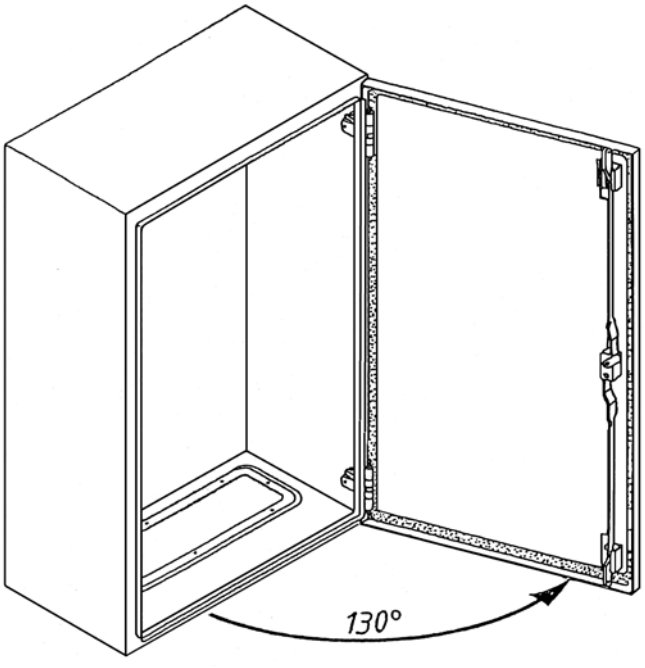
Transport bei symmetrischer Belastung senkrecht nach oben beträgt die Belastung je Ringöse (SZ 2509.000) F = 2000 N

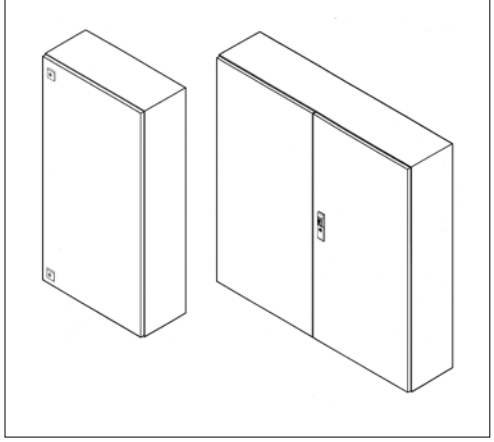
With symmetrical load going vertically upwards the transport load capacity per eyebolt (SZ 2509.000) is F = 2000 N





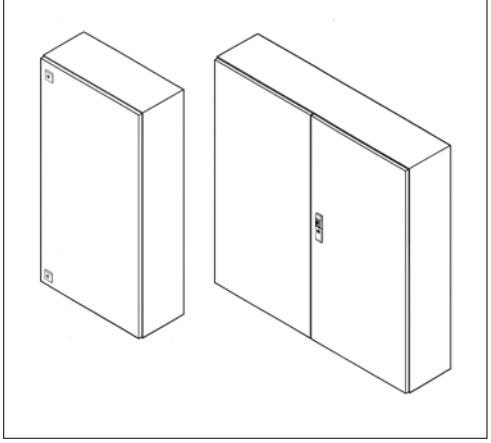

90°
90°


130°

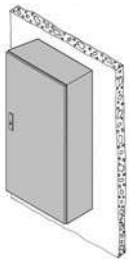
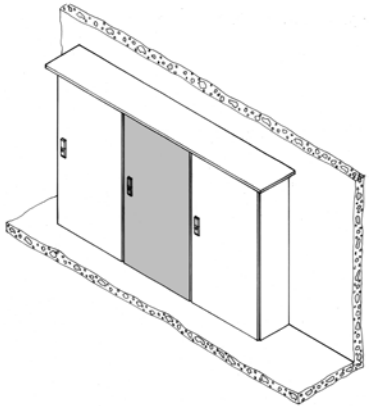


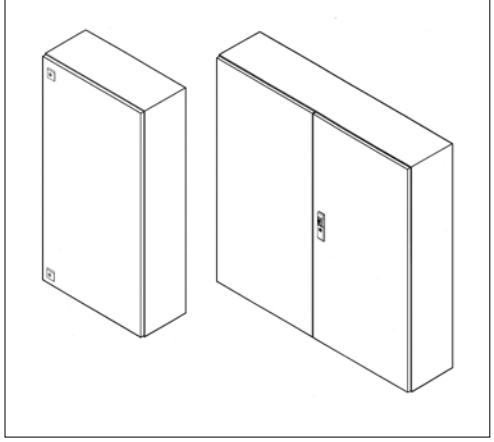
Technische Daten AE
Technical Data AE

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 [mm] Thickness [mm]	Gesamt Entively	Montageplatte Mounting Plate	Tür Door
1001.600	200	300	120	7,20	2,0	900	600	250
1002.600	200	300	155	9,30	2,0			
1003.600	300	300	210	18,90	2,0			
1004.600	380	300	155	17,67	2,0			
1006.600	380	380	210	30,32	2,0			
1011.600	380	300	210	23,94	2,0			
1015.600	400	500	210	42,00	2,0			
1007.600	500	500	210	52,50	2,5	1300	1000	250
1008.600	380	600	210	47,88	2,5			
1009.600	600	380	350	79,80	2,0			
1013.600	500	500	300	75,00	2,5			
1010.600	600	600	210	75,60	2,5	1500	1200	250
1012.600	600	760	210	95,76	3,0	1800	1500	250
1014.600	760	760	300	173,28	3,0			
1016.600	800	1000	300	240,00	3,0	2500	2000	400
1018.600	1000	1000	300	300,00	3,0			
1017.600	800	1200	300	288,00	3,0	3000	2500	400
1019.600	1000	1200	300	360,00	3,0			



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

Best.-Nr.: Order Number :		 **W** (Delta / T = 20K)	
1001.600	23	20	15
1002.600	26	23	17
1003.600	40	36	25
1004.600	41	36	28
1005.600	48	43	31
1006.600	57	51	37
1007.600	87	76	58
1008.600	83	73	55
1009.600	80	70	54
1010.600	116	100	79
1011.600	47	42	40
1012.600	141	121	98
1013.600	102	91	67
1014.600	195	169	132
1015.600	74	65	48
1016.600	255	220	175
1017.600	298	256	206
1018.600	304	260	210
1019.600	355	303	248



Schutzgrade AE
Degrees of protection

Best.-Nr.: Order Number :	Schutzgrad		
	IP [1]	IK [2]	NEMA [3]
1001.600	66	08	4 x
1002.600	66	08	4 x
1003.600	66	08	4 x
1004.600	66	08	4 x
1005.600	66	08	4 x
1006.600	66	08	4 x
1007.600	66	08	4 x
1008.600	66	08	4 x
1009.600	66	08	4 x
1010.600	66	08	4 x
1011.600	66	08	4 x
1012.600	66	08	4 x
1013.600	66	08	4 x
1014.600	66	08	4 x
1015.600	66	08	4 x
1016.600	66	08	4 x
1017.600	66	08	4 x
1018.600	55	08	12 x
1019.600	55	08	12 x

1) nach IEC 60529
2) nach DIN EN 50102
3) nach NEMA-Standards (Publikation Nr. 250, bis 1000 Volt max.)

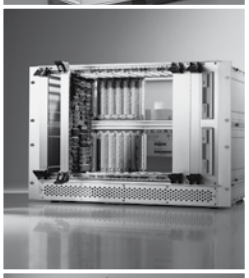
Notizen
Notes



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
Contenitori per elettronica
Sistemas de montaje para la elettronica
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
Soluzioni di climatizzazione
Climatización de sistemas
温度管理システム



IT-Solutions
IT solutions
Solutions IT
Informatie en Communicatie Technologie
IT-lösningar
Soluzioni per IT
Soluciones TI
ITソリューション



Communication Systems
Communication systems
Armoires outdoor
Outdoor-behuizingen
Communication Systems
Soluzioni outdoor
Sistemas de comunicación
コミュニケーションシステム

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Umschalten auf Perfektion RITTAL

06/07