

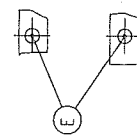
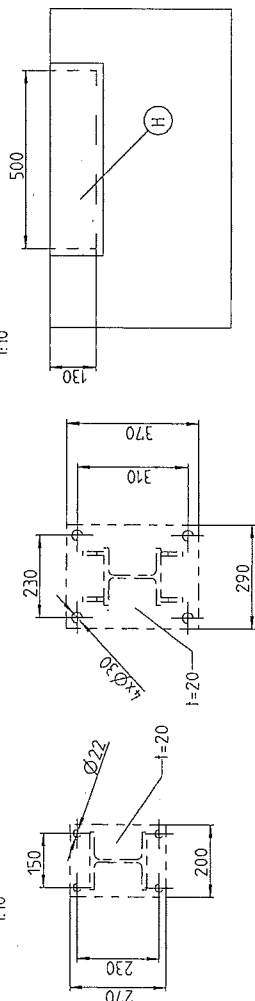
A	Free space for service
B	High voltage terminals
C	SF6-densimeter
D	SF6-filling connection DN8
E	Lifting lug
F	Stored energy indicator
G	Position indicator
H	Entry for control cables
J	Nameplate

X-X
1:10

Y
1:10

A-A
1:10

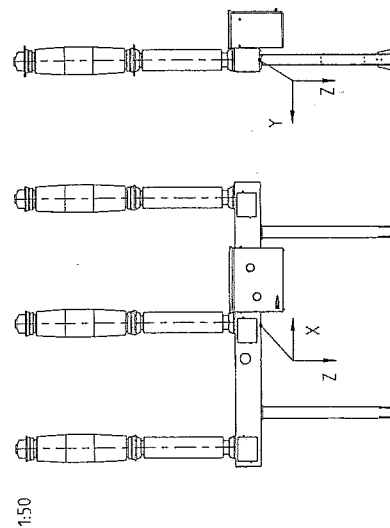
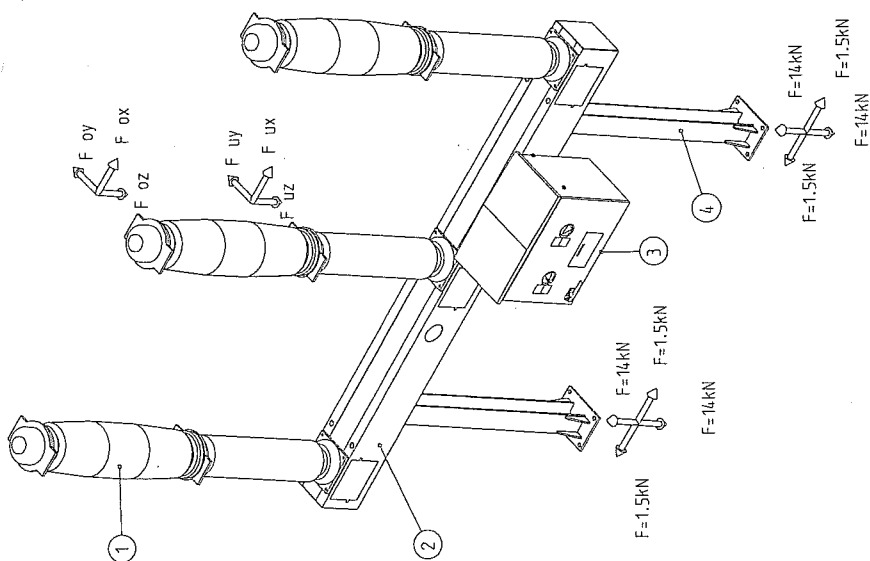
B-B
1:10



DS. /	DATE /	DATE /	DATE /
PROJECT	2005-03-07	2005-03-07	2005-03-07
NAME: Urff	NAME: Urff	NAME: Urff	NAME: Urff
NAME: Urff	NAME: Urff	NAME: Urff	NAME: Urff

FREIGABE DATE: 2005-03-07		ALLGEMEINER TOLERANZ ISO 2768 -mK		EC DATE: /		EC NUMBER: /		EC DRAWING: /	
A2		A2		A2		A2		A2	
MASSSTAB 1:25		MASSSTAB 1:25		MASSSTAB 1:25		MASSSTAB 1:25		MASSSTAB 1:25	
CIRCUIT BREAKER		CIRCUIT BREAKER		CIRCUIT BREAKER		CIRCUIT BREAKER		CIRCUIT BREAKER	
GL311-F1/4031/VR1750/FK3-2 -35°		GL311-F1/4031/VR1750/FK3-2 -35°		GL311-F1/4031/VR1750/FK3-2 -35°		GL311-F1/4031/VR1750/FK3-2 -35°		GL311-F1/4031/VR1750/FK3-2 -35°	
AREVA		AREVA		AREVA		AREVA		AREVA	
AIRK Kassel Germany		AIRK Kassel Germany		AIRK Kassel Germany		AIRK Kassel Germany		AIRK Kassel Germany	
SEITE 1/2		SEITE 1/2		SEITE 1/2		SEITE 1/2		SEITE 1/2	
REVISION 00		REVISION 00		REVISION 00		REVISION 00		REVISION 00	
MB4824-10-2010075		MB4824-10-2010075		MB4824-10-2010075		MB4824-10-2010075		MB4824-10-2010075	
Model: MB4824-10-2010075/007/Released		Model: MB4824-10-2010075/007/Released		Model: MB4824-10-2010075/007/Released		Model: MB4824-10-2010075/007/Released		Model: MB4824-10-2010075/007/Released	
STATUS Release		STATUS Release		STATUS Release		STATUS Release		STATUS Release	

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Center of gravity (without supports) in mm		Max. wind-velocity 121 km/h	
		Z/X-view	Z/Y-view
X	75	168	---
Y	-40	---	-32
Z	-1310	-1140	-1550
		area m ²	
		4.25	
		1.25	

weight in kg					weight in kg	
Pos. 1	pole column	Pos. 2	base frame	Pos. 3	mechanism	total weight
3x295		165		200	12	1262
					Pos. 4	supports

Permissible terminal forces	static	static + dynamic
[F _{ox}] [F _{ux}]	max. 750N max. 750N	max. 3000N max. 3000N
[F _{oy}] [F _{uy}]	max. 1250N max. 1250N	max. 5000N max. 5000N
[F _{oz}] [F _{uz}]	max. 1000N max. 1000N	max. 3000N max. 3000N
$\sqrt{(2.1 \times F_{oy} + F_{uy})^2 + (2.1 \times F_{ox} + F_{ux})^2}$	max. 3000N	max. 5800N

*) recommended values according to IEC 62271-100

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CIRCUIT BREAKER

GL311-F1/4031/VR1750/FK3-2 -35°

SEITE

2/2

REVISION

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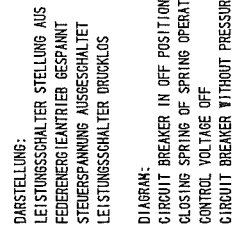
VER 1

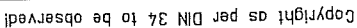
STATUS

RECEIVED

Model: MB4824-10-2010075

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OWNER- ENT NUMBER		MANUFACTURER'S DRAWING- DOCUMENT NUMBER		REVISION- STATE		DOCUMENT NUMBER IDENTITY ASSOCIATION		SERIAL NO.		DESIGNATION					
A		SR-4824-10-2010075	01	S	=482410	A01	INHALTSVERZEICHNIS LEGEND	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	D01	STROMAUFPLAN CIRCUIT DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	M01	STROMAUFPLAN CIRCUIT DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	R01	STROMAUFPLAN CIRCUIT DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
B		SR-4824-10-2010075	01	S	=482410	R02	STROMAUFPLAN CIRCUIT DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZF1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZK1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZM1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
C		SR-4824-10-2010075	01	S	=482410	ZQ1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZR1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZS1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	S	=482410	ZS2	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
D		SR-4824-10-2010075	01	S	=482410	ZY1	BETRIEBSMITTELPLAN LIST OF EQUIPMENT	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	V	=482410 +S	K01	KLEMMANSCHLUSPLAN TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	V	=482410 +S	K02	KLEMMANSCHLUSPLAN TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	V	=482410 +S	K03	KLEMMANSCHLUSPLAN TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
E		SR-4824-10-2010075	01	V	=482410 +S	K04	KLEMMANSCHLUSPLAN TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	V	=482410 +S	Q01	QUERVERBINDUNGSLISTE TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
		SR-4824-10-2010075	01	V	=482410 +S	Q02	QUERVERBINDUNGSLISTE TERMINAL DIAGRAM	GL	LEISTUNGSSCHALTER CIRCUIT BREAKER	GL					
F															
Copyright as per DIN 34 to be observed															
22.04.2005															
Date 2.03.2005															
Drawn SCHAFERANKA															
22.04.05 SdL Checked LANGE															
Revision Date Name Norm															
Origin: Sub.f. Rpl.by: AGK AREVA															
INHALTSVERZEICHNIS															
LEISTUNGSSCHALTER															
LEGEND															
CIRCUIT BREAKER															
S =482410															
SR-4824-10-2010075															
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Sheet															
Sh.															

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WARNING SF6
ALARM SF6
FUNKTIONSSPERRE SF6
OPERATING LOCKOUT SF6

EIN-SPERRE ANTRIEB
CLOSING LOCKOUT DRIVE
MOTORSCHUTZSCHALTER
PROTECTIVE MOTOR SWITCH

MOTORSCHUTZSCHALTER
PROTECTIVE MOTOR SWITCHES

FERN
 REMOTE
 ORT
 LOCAL

KU-SPERRE
AUTO RECLSING LOCKOUT

1	2	3	4	5	6	7	8
State	Revision	Date	Name	Norm	Origin:	Sub.f.:	Rpl.by:
01	11066	22.04.05	Schl.	Checked	LANGE		AGK AREVA
			Drawn	SCHAFERANKA			
		2.03.2005	Date				
					STROMLAUFPLAN		S = 4824-10
					LEISTUNGSSCHALTER 6L		/ R01
					CIRCUIT DIAGRAM		Sheet
					CIRCUIT BREAKER 6L		SR-4824-10-2010075
							Sh.

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[illegible]

[illegible]

AREVA

1		2		3		4		5		6		7		8	
INS		ACTION/INSTRUCTIONS		LINE MATERIAL		-X1		TERMINAL-T1		5N/USLKG10					
				STANDARD: H07V-K 1,5MM2				STANDARD: PHC							
REFE- RENCE	LINE(Ø IN MM2) CABLE	CORE	DESTINATIONS	POT	NR	DESTINATIONS	LINE(Ø IN MM2) CABLE	CORE	REMARKS						
/R02.2			-S1.1		10										
/R02.2			-S1.2		11										
/R02.2			-S1.2		12										
/R02.2			-S1.2		13										
/R02.2			-S1.2		14										
/R02.2			-S5		19										
/R02.2			-S1.2		21										
/R02.2			-S1.2		22										
/R02.2			-S1.2		23										
/R02.2			-S1.2		24										
/R02.3			-S1.2		31										
/R02.3			-S1.2		32										
/R02.3			-S1.2		33										
/R02.3			-S1.2		34										
/R02.3			-S1.2		41										
/R02.3			-S1.2		42										
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/R02.3			-S1.2		44										
/R02.3			-S1.3		51										
/R02.3			-S1.3		52										
/R02.3			-S1.3		53										
/R02.3			-S1.3		54										
/R02.4			-S1.3		61										
/R02.4			-S1.3		62										
/R02.4			-S1.3		63										
/R02.4			-S1.3		64										
/R02.4			-S1.3		71										
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/R02.4			-S1.3		81										
/R02.4			-S1.3		82										
/R02.4			-S1.3		83										
/R02.4			-S1.3		84										
/R02.5			-S1.4		91										
/R02.5			-S1.4		92										
/R02.5			-S1.4		93										
/R02.5			-S1.4		94										
/R02.5			-S1.4		111										
/R02.5			-S1.4		112										

22.04.2005

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Copyright as per DIN 34 to be observed!

22.04.2005

State	Revision	Date	Name	Norm	Origin:	Sub.f.:	Rpl.by:	AGK	AREVA	KLENNENANSCHLUSSPLAN LEISTUNGSSCHALTER 6L TERMINAL DIAGRAM CIRCUIT BREAKER 6L	V =482410 +S	SR-4824-10-2010075	Sheet / K01	Sh.
01	11066	22.04.05	SCH. LANGE											



KLENNENANSCHLUSSPLAN
LEISTUNGSSCHALTER 6L
TERMINAL DIAGRAM
CIRCUIT BREAKER 6L

V =482410
+S

SR-4824-10-2010075

Sheet
/ K01

Sh.

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INS

ATTENTION/INSTRUCTIONS

LINE MATERIAL

STANDARD: H07V-K
1,5MM2

TERMINAL-T1

STANDARD: PH

5N/USLKG10

-X1

REFE- RENCE	LINE(Ø IN MM2) CABLE	CORE	DESTINATIONS	POT	NR	DESTINATIONS	LINE(Ø IN MM2) CABLE	CORE	REMARKS
/R02.5			-S1.4		113				
/R02.5			-S1.4		114				
/R02.5			-S1.4		121				
/R02.5			-S1.4		122				
/R02.5			-S1.4		123				
/R02.5			-S1.4		124				
/R02.6			-S1.4		131				
/R02.6			-S1.4		132				
/R02.6			-S1.4		133				
/R02.6			-S1.4		134				

22.04.2005

Copyright as per DIN 34 to be observed!

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State

Revision

11066

Date

22.04.05

Name

SCHL.

Checked

Norm

Origin

Sub.f.

ASK AREVA

AGK AREVA

KLEMMANSCHLUSPLAN
LEISTUNGSSCHALTER
TERMINAL DIAGRAM
CIRCUIT BREAKER

ØL

ØL

SR-4824-10-2010075

V =482410
+S

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Sheet

Sh.

1		2		3		4		5		6		7		8			
INSTRUCTIONS				LINE MATERIAL				TERMINAL-T1				IN/USLKG10					
				STANDARD: H07V-K 1,5MM2				STANDARD: PHC									
				-X1													
REFE- RENCE		LINE(Ø IN MM2) CABLE		CORE		DESTINATIONS		POT		NR		DESTINATIONS		CORE		REMARKS	
/R01.6										450		-Q1		1			
/R02.7										451							
/D01.6										465		-Q1		6			
/R02.7										466							
/D01.2						-R2		1		480		-X1		500			
/D01.2										481							
/D01.3										482							
/D01.2										483							
/D01.2						-R2		2		484		-X1		515			
/D01.2										485							
/D01.3										486							
/D01.2										500		-X1		480			
/R02.8										501		-X1		484			
/D01.2										515							
/R02.8										516							
/M01.6						-F1		4		530		-K14		A1			
/R01.2						-F1		1		532		-X1		850			
/R01.2										533		-K14		13			
/R01.3										534							
/R01.3										535		-S2		7			
/R01.3										536		-Q1		21			
/R01.3										537							
/R01.4										538							
/R02.7										539							
/R02.7										540							
/R02.8										541							
/M01.6										600							
/M01.6						-F1		3		601		-S4		13		Q	
/M01.7										602							
/R02.7										603							
/R02.8										604							
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/M01.7										607							
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/R02.8										609							
/M01.1										610		-S3		1			
/R02.7										611							
/M01.1										625		-S3		5			
/R02.7										626							
Copyright as per DIN 34 to be observed!																	
Date		2.03.2005		Date		22.04.05		Date		2		Date		2		Date	
Drawn		SCHAFERFRANKA		Sch.		Checked		LANGE		AGK		AREVA		KLEMMENANSCHLUSSPLAN		V = 482410	
Revision		11066		22.04.05		2005		2005		2005		2005		2005		2005	
State		01		01		01		01		01		01		01		01	
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[illegible]

SHEET		POTENTIAL POSITION CROSS-SECTION		WIRING MATE		MATERIAL COLOUR		TERMINAL		H07V-K1,5		DESTINATION 1	DESTINATION 2	DESTINATION 3	DESTINATION 4	DESTINATION 5	DESTINATION 6	PROFILE
A	D01											-H1	A1 -S2	2				A
	D01											-H1	A2 -S2	3				
	D01											-Q1	2 -Q1	3				
	D01											-Q1	4 -S2	1				
	D01											-Q1	5 -S2	4				
	M01											-K11	13 -K11	21 -S1.1	5 -S3	2		
	M01											-K11	14 -K11	A1 -S1.1	6			
	M01											-K11	22 -S1.1	11				
	M01											-K11	A2 -K14	22 -S3	6			
	M01											-K14	21 -S2	10				
	M01											-K14	31 -Y1	A2				
	M01											-K14	61 -Y2	A2				
	M01											-S1.1	1 -S3	10				
	M01											-S1.1	2 -S1.1	14 -Y1	A1			
	M01											-S1.1	4 -S1.1	16 -Y2	A1			
	M01											-S1.1	12 -Y4	A1				
B	M01											-S2	9 -Y4	A2				
	M01											-S3	3 -S4	14				
	M01											-S3	7 -S4	43				
	M01											-S3	11 -S5	14				
<div> <div> <div>22.04.2005</div> <div>11066</div> <div>Revision</div> </div> <div> <div>22.04.05</div> <div>SCH</div> <div>Drawn</div> </div> <div> <div>2.03.2005</div> <div>SCHAFFRANKA</div> <div>Date</div> </div> </div> <div> <div>State</div> <div>11066</div> <div>Revision</div> </div> <div> <div>22.04.05</div> <div>SCH</div> <div>Drawn</div> </div> <div> <div>2.03.2005</div> <div>SCHAFFRANKA</div> <div>Date</div> </div>																		

AGK AREVA

LEISTUNGSSCHALTER 6L

TERMINAL DIAGRAM

CIRCUIT BREAKER 6L

QUERVERBINDUNGSLISTE

LEISTUNGSSCHALTER 6L

TERMINAL DIAGRAM

CIRCUIT BREAKER 6L

V -482410

4S

SR-4824-10-2010075

7

8

8

7

6

5

4

3

2

1

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