

AREVA Energietechnik GmbH

Business unit Transmission and Distribution

Unit High Voltage Systems

Königsbrücker Straße 124

D-01099 Dresden

Telephone: 49 351 820-2118

Fax: 49 351 820-3233

US STEEL KOSICE/SLOVAKIA  
50.3023.01

WIRING DIAGRAM  
VOLTAGE TRANSFORMER  
TERMINAL BOX

V = E21 + SC5

/ A00

025.011551- 4451 03

03 AS BUILT 01.12.2006 KL  
02 AS BUI. WORKS. 14.11.2005 KL  
01 MODIFICATION TERM 08.05 KL  
No. Revision Date Name

21.12.2006  
HJ011551  
-E21+SC5  
A00  
KLUGEH

DATE :	24.05.2005
DRAWN :	KLUGE
CHECK. :	SEIDLER
NORM :	

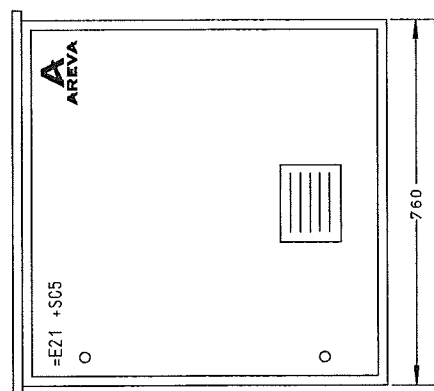
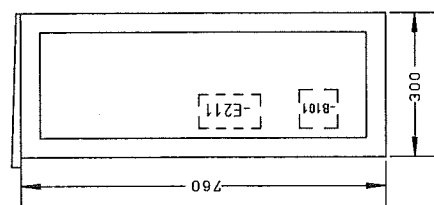
COVERSHEET

Sheet Sh.

[illegible]

FRONT VIEW

LEFT



SPALOVSKY 'ASTRA' TYPE CHEMICAL PAINT, 125micron

WITH : - RAIN CANOPIES V2A INOX  
- CONDENSATE DISCHARGE  
- OUTLET FILTER  
- SEMI CYLINDER LOCK

[illegible]

KLEMMEN-MATERIAL  
TERMINAL BLOCK MATERIAL

TERMINALS	NUMBERS	TYPE
-X1	1-06	PHOENIX: UK6N
-X1	07-10	PHOENIX: UK6N BU
-X1	11-15	PHOENIX: USLK6N
-X1	21-25	PHOENIX: UK2,5N
-X1	26-29	PHOENIX: UK2,5N BU
-X10	ALL	PHOENIX: WTK-P/P
-X7/10	ALL	PHOENIX: URTK/S
-X7/40	ALL	PHOENIX: URTK/S

LEITUNGS-MATERIAL  
WIRING MATERIAL

SQUARE	USE	WIRE TYPE
1,5mm <sup>2</sup>	DC-CIRCUITS	H07Z-K BLACK
2,5mm <sup>2</sup>	AC-MAIN CIRCUITS	H07Z-K BLACK
1,5mm <sup>2</sup>	AC-CIRCUITS	H07Z-K BLACK
4mm <sup>2</sup>	AC-MEASURING CIRCUIT	H07Z-K BLACK

Schutzvermerk nach DIN 34 beachten

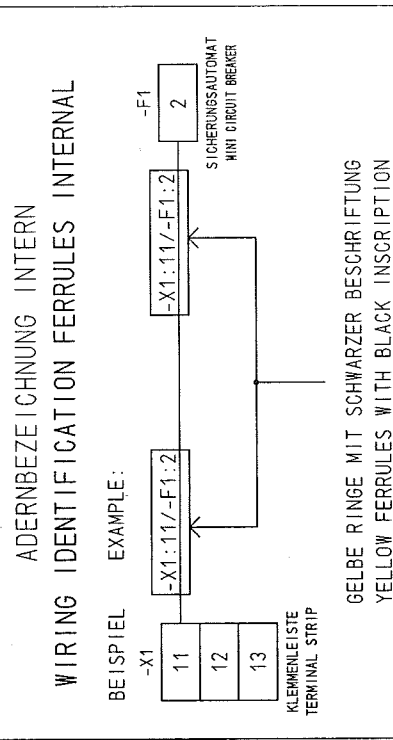
HJ011551  
=E21+SC5  
KLÜGER  
D02

03	AS BUILT	01.12.2006	KL	Datum	24.05.2005	US STEEL KOSICE/SLOVAKIA
02	AS BUILT WORKSHEET	11.2005	KL	Bearb	KLÜBER	50.3023.01
01	MODIFICATION	01.12.2006	KL	Gepr.	ISEIDLER	
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f.



WIRING MATERIALS

SCHUTZGRAD  
PROTECTION CLASS OUTDOOR: IP 54  
  
FARBE  
PAINTING: RAL 7032



V =E21  
+SC5  
/ 002  
Blatt 4  
8 BL

025.011551-4451 03

8

1		2		3		4		5		6		7		8			
INSTALLATION/INSTRUCTIONS						WIRING MATERIAL						TERMINAL-TYPE					
STANDARD: H07V-Z 2,5mm <sup>2</sup>						STANDARD: PHOENIX: UKEN PHOENIX: UKEN BU						11-15 USLKG6N 21-25 UK3N 26-33 UK3N BU					
-X 1						-X 1											
REFE- RENCE		LINE(Ø IN MM2) CABLE		CORE		DESTINATIONS		POT		NO		DESTINATIONS		CORE		REMARKS	
/001.2		-W...		GY		= +. -X...		L1		01		-F101		1			
/001.8										02							
/001.2		-W...		BK		= +. -X...		L2		03		-F102		1			
/001.8										04							
/001.2		-W...		BN		= +. -X...		L3		05							
/001.8										06							
/001.2		-W...		BU		= +. -X...		N		07		-X1		26			
/001.6										08		-X101		N			
/X01.1										09							
/X01.1										10							
/001.2		-W...		GNYE		= +. -X...		PE		11							
/001.8										12							
/001.7										13		-X101		PE			
/X01.2										14							
/X01.2										15							
/001.3										21		-F101		2			
/001.3								1		22							
/001.4										23		-E212		1			
/001.5										24		-E101		X1			
/001.3								3		25		-E211		1			
/001.3										26		-X1		07			
/001.3										27		-E211		2			
/001.4										28		-E212		2			
/001.5										29		-E101		X5			
Schutzvermerk nach DIN 34 beachten!																	
21.12.2006 H1011551 =E21+S65 KLUEH K001																	
AS BUILT 01.12.2006 KL Datum 24.05.2005 US STEEL KOSICE/SLOVAKIA																	
AS BUI. WORKS 14.11.2005 KL Bearb KLUGE 50.3023.01																	
MODIFICATION 05.05.2005 KL Gepr. SEIDLER																	
Zust. Änderung Datum Norm Urspr.: Ers.f.: Ers.d.: -X1																	
TERMINAL DIAGRAM																	
V -E21 +S65 / K001																	
025.011551-4451 03 Blatt 5																	
8BL																	

1		2		3		4		5		6		7		8			
INSTALLATION/INSTRUCTIONS						WIRING MATERIAL						TERMINAL-TYPE					
						STANDARD: H07V-Z 1,5mm <sup>2</sup>						STANDARD: PHOENIX: MTK-P/P					
						BLUE						-X10					
REFE- RENCE	LINE(Ø IN MM2) CABLE	CORE	DESTINATIONS	POT	NO	DESTINATIONS	LINE(Ø IN MM2) CABLE	CORE	REMARKS								
/001.1	-W...	..	= + -X...	A	01 B	-F101	12										
	-W...	..	= + -X...	C	D	-F101	11										
/001.2				A	02 B	-F101	14										
				C	D												
/001.3				A	03 B	-F102	12										
				C	D	-F102	11										
/001.3				A	04 B	-F102	14										
				C	D												
/001.4	-W...	..	= + -X...	A	05 B	-F401	12										
	-W...	..	= + -X...	C	D	-F401	11										
/001.4				A	06 B	-F401	14										
				C	D												
/001.6	-W...	..	= + -X...	A	11 B	-F301	12										
	-W...	..	= + -X...	C	D	-F301	11										
/001.6				A	12 B	-F301	14										
				C	D												
/R01.1	-W...	..	= + -X...	A	21 B	-F101	96										
	-W...	..	= + -X...	C	D	-F101	95										
/R01.2				A	22 B	-F101	98										
				C	D												
/R01.3				A	23 B	-F102	96										
				C	D	-F102	95										
/R01.3				A	24 B	-F102	98										
				C	D												
/R01.4	-W...	..	= + -X...	A	25 B	-F401	96										
	-W...	..	= + -X...	C	D	-F401	95										
/R01.4				A	26 B	-F401	98										
				C	D												
/R01.6	-W...	..	= + -X...	A	31 B	-F301	34										
				C	D	-F301	33										
/R01.6	-W...	..	= + -X...	A	32 B	-F301	42										
				C	D	-F301	41										

03 AS BUILT 01.12.2006 KL Datum 24.05.2005

02 AS BUILT WORKSHEET 2006 KL Bearb KLUGE

01 MODIFICATION 2006 KL Gepr. SEIDLER

Zust. Änderung Datum Name Norm

Urspr.: Ersd.: Ers

Schutzvermerk nach DIN 34 beachten!

H1011551  
E21+SC5  
KLUEFH  
K1010

03	AS BUILT	01.12.2006	KL	Datum	24.05.2005	US STEEL KOSICE/SLOVAKIA	TERMINAL DIAGRAM		V =E21 +SC5		/ K010	
02	AS BUI WORKS	14.11.2005	KL	Bearb	KLUGE	50.3023.01						
01	MODIFICATION	01.01.05	KL	Gepr.	SEIDLER							
Zust.	Anderung	Datum	Name	Norm	Urspr.	Ers.f.						



-X10

025.011551-4451 03

Blatt 6  
8BL

[illegible]

Schutzvermerk nach DIN 34 beachten!