

NOTES:

- 1. ALL MINEX-C RMUS ARE FITTED WITH THE ANTI-BURST SYSTEM INSTALLED IN THE RMU TANK AS WELL AS THE CABLE COMPARTMENTS.
- 2. ALL RMUS SHALL BE RATED AT 24KV, REFER TO STANDARDS BULLETIN S01-061.
- 3. SWITCH ISOLATORS (K CUBICLES) ARE RATED AT 630A.
- 4. FUSED SWITCHES (T CUBICLES) ARE RATED AT 200A.
- 5. RMU FAULT RATING IS 25KA.1SEC.
- 6. ALL BUSHINGS SHALL BE 630A IN ACCORDANCE WITH DIN 47636.
- 7. ALL CABLE DESTINATION AND SWITCH NUMBER TAGS SHALL BE ATTACHED TO THE RMU AT THE SPECIFIED LOCATIONS WITH FACTORY PROVIDED SCREWS.
- B. HORTSMANN COMPASS B FAULT INDICATORS SHALL BE FITTED TO SWITCH CUBICLE 1 ON EVERY MINEX-C RMU. COMPASS B FAULT INDICATORS SHALL BE FITTED WITH 3 PHASE CT'S. IF A SUMMATION CT IS FITTED REPLACE IT WITH ITEM NUMBER 501788 AND RECONFIGURE THE FAULT INDICATOR.
- 10. ALL CUBICLES SHALL BE FITTED WITH HORTSMANN WEGA 1.2C VOLTAGE INDICATORS.
- 1. ALL FUSES USED IN MINEX-C RMUS SHALL BE 292MM LONG DIN 43625 STANDARD. REFER TO S02-01-04-03 FOR FURTHER DETAILS.
- 12. ALL CABLE TERMINATIONS SHALL BE STRAIGHT SCREENED DEAD-BREAK TERMINATIONS, REFER TO TABLE B FOR ITEM NUMBERS.
- 3. PHASE SEQUENCE IN K CUBICLES SHALL BE RED WHITE BLUE FROM THE FRONT TO BACK OF THE RMU.
- 14. PHASE SEQUENCE IN T CUBICLES SHALL BE RED WHITE BLUE FROM LEFT TO RIGHT AS THE OPERATOR LOOKS AT THE RMU.



**EXAMPLE OF CT INSTALLATION** 

DRAFTING STANDARD TO A.S.1100

TABLE B					
XLPE CABLE TERMINAT	ION BOOTS, 11kV				
CABLE SIZE sq mm	ITEM NUMBER				
95 ALUMINIUM	414778				
240 ALUMINIUM	414779				
300 COPPER	414780				
400 ALUMINIUM	501664				
XLPE CABLE TERMINATI	ON BOOTS, 22kV				
CABLE SIZE sq mm	ITEM NUMBER				
120 COPPER	414781				
240 ALUMINIUM	414783				
240 COPPER	414782				

ITEM No	DESCRIPTION
1	HORTSMANN WEGA 1.2C VOLTAGE PRESENCE INDICATOR
2	CABLE DESTINATION TAG
3	SWITCH ISOLATOR OPERATING MECHANISM
4	EARTH SWITCH OPERATING MECHANISM
5	SWITCH NUMBER TAG
6	ABS OPERATION INDICATOR
7	HORTSMANN COMPASS B FAULT INDICATOR
8	RMU DATA NAME PLATE
9	INSULATION SPARK TEST POINT
10	INSULATION GAS PRESSURE INDICATOR
11	FUSE SWITCH OPERATION MECHANISM
12	FUSE EARTHING SWITCH OPERATION MECHANISM
13	FUSE INDICATOR MIMIC
14	SCREW-IN TYPE PALM CONNECTOR (SET OF 3) (#504912).

CAD PRODUCT - DO NOT AMEND MANUALLY

I AMD T

3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED 0 ISSUED FOR CONSTRUCTION 2 P.BH. OCT'22 B.C. B.V. K.T. FEB'19 C.C. C.C. A.T. JAN'14 A.T. B.C.	2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 3 NOTE 8 AMENDED, NOTE 9 REMOVED 4 A.T. JAN'14 A.T. B.C. C.M. NOV'12 A.T. B.C.		AMENDMENTS				
3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED 2 P.BH. OCT'22 B.C. B.V. K.T. FEB'19 C.C. C.C. C.C. B.V.	3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED  P.BH. OCT'22 B.C. B.V. K.T. FEB'19 C.C. C.C.	NO	DESCRIPTION	DRN	DATE	CKD	APPD
3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED  3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14.  4 F. B.C. B.V. K.T. FEB'19 C.C. C.C. C.C. A.T. JAN'14 A.T. B.C.	3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AMENDED, NOTE 9 REMOVED 2 P.BH. OCT'22 B.C. B.V. K.T. FEB'19 C.C. C.C. A.T. JAN'14 A.T. B.C.	0	ISSUED FOR CONSTRUCTION	С.М.	NOV'12	A.T.	В.С.
3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. P.BH. OCT'22 B.C. B.V.	3 ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14. P.BH. OCT'22 B.C. B.V.	1		Α.Τ.	JAN'14	Α.Τ.	В.С.
		2	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
4 AUDED CI INSTALLATION EXAMPLE. P.BH.   MAY 24   B.C.   B.V.	4 ADDED CT INSTALLATION EXAMPLE. P.BH. MAY'24 B.C. B.V.	3	ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14.	P.BH.	OCT'22	B.C.	B.V.
A LADDED OF INCTALLATION EVANDLE		4	ADDED CT INSTALLATION EXAMPLE.	P.BH.	MAY'24	B.C.	B.V.

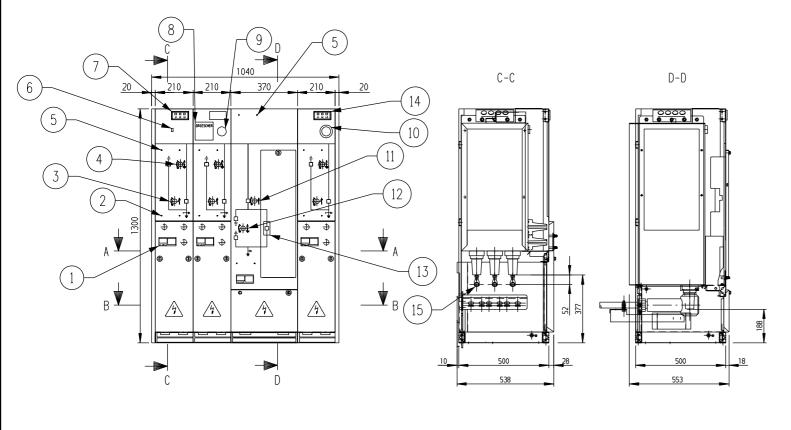
DRIESCHER MINEX-C KKTT ITEM NUMBER: 413954

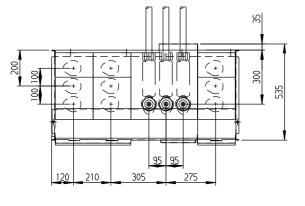
В-В

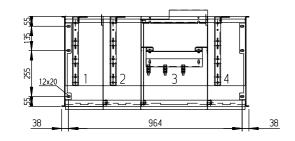
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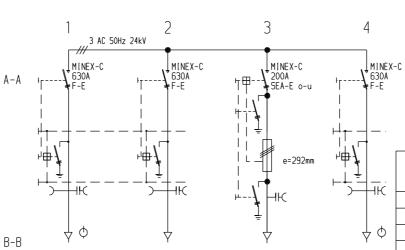
702	. I4   SCREW-IN TYPE PALM CONNECTOR (SET OF 3) (*304912).							
	DES	B.CHEUNG		POWER STANDARD DRAWING				
	DRN	C.McLAREN		SWITCHGEAR				
	CKD	A.TAYLOR		DRIESCHER MINEX-C RMU				
	APPD	B.CHEUNG						
	SCALE	N.T.S.		SHEET 1 OF 3 TYPE KKTT				
	ISSUED	NOV' 12	ΛZ	DRAWING	CO2 O4 O4 22 4			
	ALL DI	M. IN mm	A3	NUMBER	S02-01-04-22 <sub>-</sub> 1	/4\		







## MINEX-C 24kV/630A



DRIESCHER MINEX-C KKTK ITEM NUMBER: 500479

## NOTES:

- 1. ALL MINEX-C RMUS ARE FITTED WITH THE ANTI-BURST SYSTEM INSTALLED IN THE RMU TANK AS WELL AS THE CABLE COMPARTMENTS.
- ALL RMUs SHALL BE RATED AT 24KV, REFER TO STANDARDS BULLETIN S01-061.
- 3. SWITCH ISOLATORS (K CUBICLES) ARE RATED AT 630A.
- FUSED SWITCHES (T CUBICLES) ARE RATED AT 200A.
- 5. RMU FAULT RATING IS 25KA.1SEC.
- 6. ALL BUSHINGS SHALL BE 630A IN ACCORDANCE WITH DIN 47636.
- 7. ALL CABLE DESTINATION AND SWITCH NUMBER TAGS SHALL BE ATTACHED TO THE RMU AT THE SPECIFIED LOCATIONS WITH FACTORY PROVIDED SCREWS.
- 8. HORTSMANN COMPASS B FAULT INDICATORS SHALL BE FITTED TO SWITCH CUBICLE 1 ON EVERY MINEX-C RMU. COMPASS B FAULT INDICATORS SHALL BE FITTED WITH 3 PHASE CT'S. IF A SUMMATION CT IS FITTED IT SHALL BE REPLACED WITH ITEM NUMBER 501788 AND RECONFIGURE THE FAULT INDICATOR.
- 9. 4-WAY KKTK RMUS SHALL HAVE CUBICLE 4 FITTED WITH A HORTSMANN COMPASS A FAULT INDICATOR. COMPASS A FAULT INDICATORS SHALL BE FITTED WITH 3 PHASE CT'S. IF A SUMMATION CT IS FITTED REPLACE IT WITH ITEM NUMBER 501788 AND RECONFIGURE THE FAULT INDICATOR.
- 10. ALL CUBICLES SHALL BE FITTED WITH HORTSMANN WEGA 1.2C VOLTAGE INDICATORS.
- 11. ALL FUSES USED IN MINEX-C RMUs SHALL BE 292MM LONG DIN 43625 STANDARD. REFER TO S02-01-04-03 FOR FURTHER DETAILS.
- 12. ALL CABLE TERMINATIONS SHALL BE STRAIGHT SCREENED DEAD-BREAK TERMINATIONS, REFER TO TABLE B FOR ITEM NUMBERS.

ITEM No DESCRIPTION

- 13. PHASE SEQUENCE IN K CUBICLES SHALL BE RED WHITE BLUE FROM THE FRONT TO BACK OF THE RMU.
- 14. PHASE SEQUENCE IN T CUBICLES SHALL BE RED WHITE BLUE FROM LEFT TO RIGHT AS THE OPERATOR LOOKS AT THE RMU.

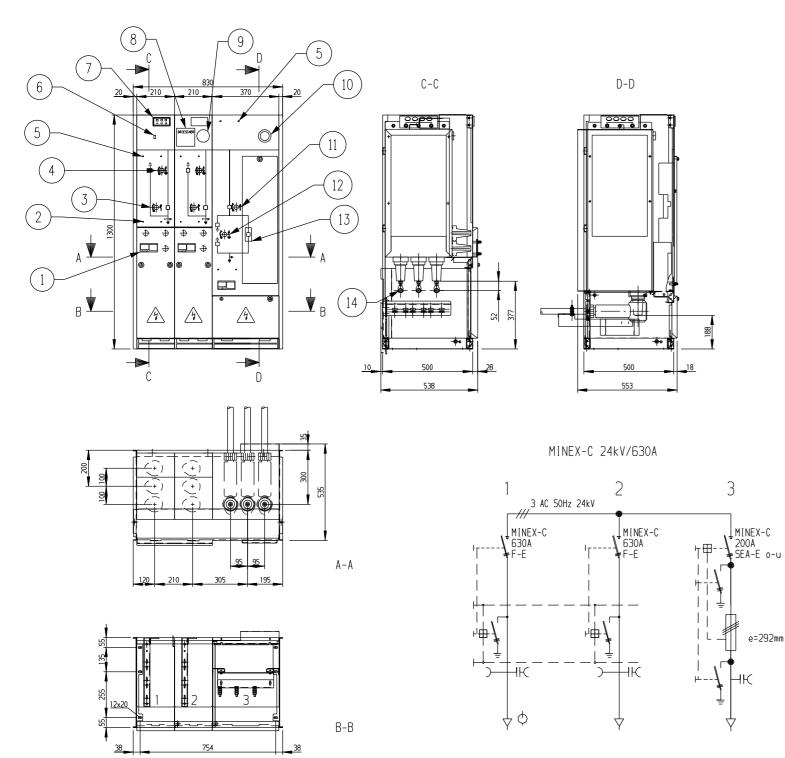
TABLE B						
ON BOOTS, 11kV						
ITEM NUMBER						
414778						
414779						
414780						
501664						
ON BOOTS, 22kV						
ITEM NUMBER						
414781						
414783						
414782						

1	HORTSMANN WEGA 1.2C VOLTAGE PRESENCE INDICATOR
2	CABLE DESTINATION TAG
3	SWITCH ISOLATOR OPERATING MECHANISM
4	EARTH SWITCH OPERATING MECHANISM
5	SWITCH NUMBER TAG
6	ABS OPERATION INDICATOR
7	HORTSMANN COMPASS B FAULT INDICATOR
8	RMU DATA NAME PLATE
9	INSULATION SPARK TEST POINT
10	INSULATION GAS PRESSURE INDICATOR
11	FUSE SWITCH OPERATION MECHANISM
12	FUSE EARTHING SWITCH OPERATION MECHANISM
13	FUSE INDICATOR MIMIC
14	HORTSMANN COMPASS A FAULT INDICATOR
15	SCREW-IN TYPE PALM CONNECTOR (SET OF 3) (#504912).

3   ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14.   P.BH.   OCT'22   B.C.   B.V.   2   TITLEBLOCK & DRAWING NUMBER FORMATTED   K.T.   FEB'19   C.C.   C.C.   1   NOTE 8   AND 9   AMENDED   A.T.   JAN'14   A.T.   B.C.   0   ISSUED FOR CONSTRUCTION   C.M.   NOV'12   A.T.   B.C.	3   ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14.   P.BH.   OCT'22   B.C.   B.V.   2   TITLEBLOCK & DRAWING NUMBER FORMATTED   K.T.   FEB'19   C.C.   C.C.   1   NOTE 8   AND 9   AMENDED   A.T.   JAN'14   A.T.   B.C.   0   ISSUED FOR CONSTRUCTION   C.M.   NOV'12   A.T.   B.C.	ĺ	AMENDMENTS				
3 ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14. P.BH. OCT'22 B.C. B.V TITLEBLOCK & DRAWING NUMBER FORMATTED K.T. FEB'19 C.C. C.C C.C NOTE 8 AND 9 AMENDED A.T. JAN'14 A.T. B.C	3 ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14. 2 TITLEBLOCK & DRAWING NUMBER FORMATTED 1 NOTE 8 AND 9 AMENDED 2 P.BH. OCT'22 B.C. C.C. C.C. C.C. C.C. A.T. JAN'14 A.T. B.C	NO	DESCRIPTION	DRN	DATE	CKD	APPD
3   ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14.   P.BH.   OCT'22   B.C.   B.V.   2   TITLEBLOCK & DRAWING NUMBER FORMATTED   K.T.   FEB'19   C.C.   C.C	3   ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14.   P.BH.   OCT'22   B.C.   B.V.   2   TITLEBLOCK & DRAWING NUMBER FORMATTED   K.T.   FEB'19   C.C.   C.C	0	ISSUED FOR CONSTRUCTION	С.М.	NOV'12	A.T.	B.C.
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		2	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
		3	ITEM 15 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 9, 10, 11, 13 & 14.	P.BH.	OCT'22	B.C.	В.V.
		4	SHEET 1 UPDATED.	P.BH.		B.C.	В.V.



DES	B.CHEUNG		POWER STANDARD DRAWING				
DRN	C.McLAREN		SWITCHGEAR				
CKD	A.TAYLOR						
APPD	B.CHEUNG		DRIESCHER MINEX-C RMU SHEET 2 OF 3 TYPE KKTK				
SCALE	N.T.S.						
ISSUED	NOV'12	A3	DRAWING	CO2 O4 O4 22 2			
ALL DIM	. IN mm	AS	NUMBER	502-01-04-22_2			
DRAFTING STANDARD TO A.S.1100			CAD PRODUCT	- DO NOT AMEND MANUALLY	AMDT		



DRIESCHER MINEX-C KKT ITEM NUMBER: 413953

## NOTES:

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- 2. ALL RMUS SHALL BE RATED AT 24KV, REFER TO STANDARDS BULLETIN S01-061.
- 3. SWITCH ISOLATORS (K CUBICLES) ARE RATED AT 630A.
- 4. FUSED SWITCHES (T CUBICLES) ARE RATED AT 200A.
- 6. RMU FAULT RATING IS 25KA.1SEC.
- 6. ALL BUSHINGS SHALL BE 630A IN ACCORDANCE WITH DIN 47636.
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- 10. ALL CUBICLES SHALL BE FITTED WITH HORTSMANN WEGA 1.2C VOLTAGE INDICATORS.
- 11. ALL FUSES USED IN MINEX-C RMUs SHALL BE 292MM LONG DIN 43625 STANDARD. REFER TO S02-01-04-03 FOR FURTHER DETAILS.
- 12. ALL CABLE TERMINATIONS SHALL BE STRAIGHT SCREENED DEAD-BREAK TERMINATIONS, REFER TO TABLE B FOR ITEM NUMBERS.
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- 14. PHASE SEQUENCE IN T CUBICLES SHALL BE RED WHITE BLUE FROM LEFT TO RIGHT AS THE OPERATOR LOOKS AT THE RMU.

TABLE B							
XLPE CABLE TERMINAT	ION BOOTS, 11kV						
CABLE SIZE sq mm	ITEM NUMBER						
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300 COPPER	414780						
400 ALUMINIUM	501664						
XLPE CABLE TERMINATI	ON BOOTS, 22kV						
CABLE SIZE sq mm	ITEM NUMBER						
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240 ALUMINIUM	414783						
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	XLPE CABLE TERMINAT  CABLE SIZE sq mm  95 ALUMINIUM  240 ALUMINIUM  300 COPPER  400 ALUMINIUM  XLPE CABLE TERMINATI  CABLE SIZE sq mm  120 COPPER  240 ALUMINIUM						

ITEM No	DESCRIPTION
1	HORTSMANN WEGA 1.2C VOLTAGE PRESENCE INDICATOR
2	CABLE DESTINATION TAG
3	SWITCH ISOLATOR OPERATING MECHANISM
4	EARTH SWITCH OPERATING MECHANISM
5	SWITCH NUMBER TAG
6	ABS OPERATION INDICATOR
7	HORTSMANN COMPASS B FAULT INDICATOR
8	RMU DATA NAME PLATE
9	INSULATION SPARK TEST POINT
10	INSULATION GAS PRESSURE INDICATOR
11	FUSE SWITCH OPERATION MECHANISM
12	FUSE EARTHING SWITCH OPERATION MECHANISM
13	FUSE INDICATOR MIMIC
14	SCREW-IN TYPE PALM CONNECTOR (SET OF 3) (*504912).

	AMENDMENTS				
NO	DESCRIPTION	DRN	DATE	CKD	APP
1 0	NOTE 8 AMENDED, NOTE 9 REMOVED ISSUED FOR CONSTRUCTION	A.T. C.M.	JAN'14 NOV'12	A.T.	B.C. B.C.
2	TITLEBLOCK & DRAWING NO FORMATTED	c.c.	AUG'19	M.S.	C.C.
3	ITEM 14 ADDED.AMENDED NOTES 1, 2, 3, 4, 8, 10, 11, 13 & 14.	P.BH.	OCT'22	B.C.	В.V.
4	SHEET 1 UPDATED.	P.BH.	MAY'24	В.С.	B.V.



DES	B.CHEUNG		POWER STANDARD DRAWING				
DRN	C.McLAREN		SWITCHGEAR				
CKD	A.TAYLOR		DRIESCHER MINEX-C RMU				
APPD	B.CHEUNG		SHEET 3 OF 3 TYPE KKT				
SCALE	N.T.S.		SHEET J OF	J TIFE KKI			
ISSUED	NOV' 12	А3	DRAWING	602 04 04 22 7			
ALL DIM.	IN mm	AS	A3 NUMBER S02-01-04-22_3				
DRAFTING STANDARD TO A.S.1100 CAD PRODUCT - DO NOT AN			- DO NOT AMEND MANUALLY	AMDT			