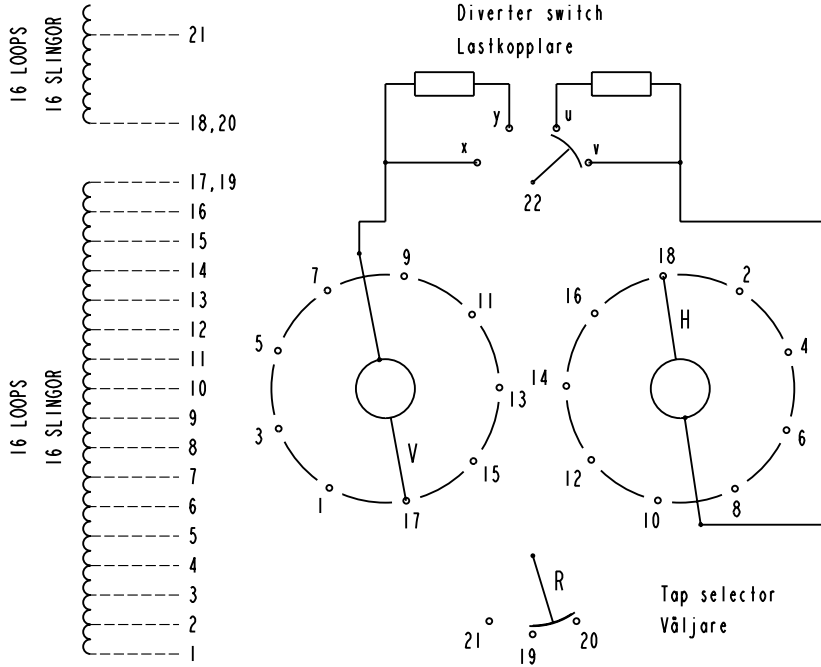


On-load tap-changer type UCCD., 33 tap positions, coarse/fine-switching.  
Max. effective No. of turns in pos. 1.  
The tap-changer is delivered set in pos. 17, the preceding pos. was 17A.

Lindningskopplare typ UCCD., 33 lägen, grov/fin-koppling.  
Max antal effektiva varv i läge 1.  
Lindningskopplaren levereras inställd i läge 17, föregående läge var 17A.



Switching Sequence/Omkopplingsförlopp

Reversal of switching dir.: The contact arms will be at rest during the first operation. The switching is performed by means of the diverter switch only.

Växling av omkopplingsriktn.: Kontaktarmarna står stilla under första manövern och omkopplingen utförs enbart medelst lastkopplaren.

From even to odd positions: Contact arm V moves one step, after which the diverter switch contacts operate as follows: v opens, y closes, u opens and x closes.

Från jämna till udda lägen: Kontaktarm V flyttar sig ett steg, varefter lastkoppl. kopplar: v bryter, y sluter, u bryter och x sluter.

From odd to even positions: Contact arm H moves one step, after which the diverter switch contacts operate as follows: x opens, u closes, y opens and v closes.

Från udda till jämna lägen: Kontaktarm H flyttar sig ett steg, varefter lastkoppl. kopplar: x bryter, u sluter, y bryter och v sluter.

Coarse/Fine-Switching: When switching from pos. 17 to 17B and from pos. 17 to 17A the change-over selector R moves simultaneously with contact arm V.

Grov/Fin-koppling: Vid omkoppling mellan läge 17 och 17B samt läge 17 och 17A växlar omkopplaren R läge samtidigt med att kontaktarm V flyttar sig ett steg.

| Pos.<br>Läge | R connects in direction<br>R förbinder i riktning |                 | Tap selector and diverter switch connect<br>Väljaren och lastkopplaren förbinder |
|--------------|---|-----------------|--|
|              | Raise<br>Öka                                      | Lower<br>Minska |  |
| 1            |   |                 | 1-V-x  |
| 2            |   |                 | 2-H-v  |
| 3            |   |                 | 3-V-x  |
| 4            |   |                 | 4-H-v  |
| 5            |   |                 | 5-V-x  |
| 6            |   |                 | 6-H-v  |
| 7            |   |                 | 7-V-x  |
| 8            |   |                 | 8-H-v  |
| 9            | 19-20   | 19-20           | 9-V-x  |
| 10           |   |                 | 10-H-v   |
| 11           |   |                 | 11-V-x   |
| 12           |   |                 | 12-H-v   |
| 13           |   |                 | 13-V-x   |
| 14           |   |                 | 14-H-v   |
| 15           |   |                 | 15-V-x   |
| 16           |   |                 | 16-H-v   |
| 17A          |   |                 | 17-V-x   |
| 17           |   |                 | 18-H-v   |
| 17B          |   |                 | 1-V-x  |
| 18           |   |                 | 2-H-v  |
| 19           |   |                 | 3-V-x  |
| 20           |   |                 | 4-H-v  |
| 21           |   |                 | 5-V-x  |
| 22           |   |                 | 6-H-v  |
| 23           |   |                 | 7-V-x  |
| 24           |   |                 | 8-H-v  |
| 25           | 19-21   | 19-21           | 9-V-x  |
| 26           |   |                 | 10-H-v   |
| 27           |   |                 | 11-V-x   |
| 28           |   |                 | 12-H-v   |
| 29           |   |                 | 13-V-x   |
| 30           |   |                 | 14-H-v   |
| 31           |   |                 | 15-V-x   |
| 32           |   |                 | 16-H-v   |
| 33           |   |                 | 17-V-x   |

A position with letter is a through position and gives the same voltage as the normal position.

Läge med bokstav är genomloppsläge och ger samma spänning som normalläget.

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © ABB 19

|         |          |
|---------|----------|
| Sheet   | Cont     |
| Year    | Week     |
| Dept    |          |
| Rev Ind | Revision |
| Appd    | Year     |
| Week    |          |

|                           |                      |      |      |      |
|---------------------------|----------------------|------|------|------|
| Accepted for qual control | Accepted for prod by | Appd | Year | Week |
|---------------------------|----------------------|------|------|------|

Description (English)  
CONNECTION DIAGRAM  
DATA ORIGINAL

Design checked by  
B.O. Stenestam  
Drawn by  
L. Bergman  
Description (own language)  
KOPPLINGSSCHEMA  
File name  
0381-9

Drawing checked by  
M. Hedlund  
Issued by Dept  
COM/TKO 97 18  
Lang  
Sheet  
1

Rev Ind  
Cont  
-



Asea Brown Boveri

5492 0381-9