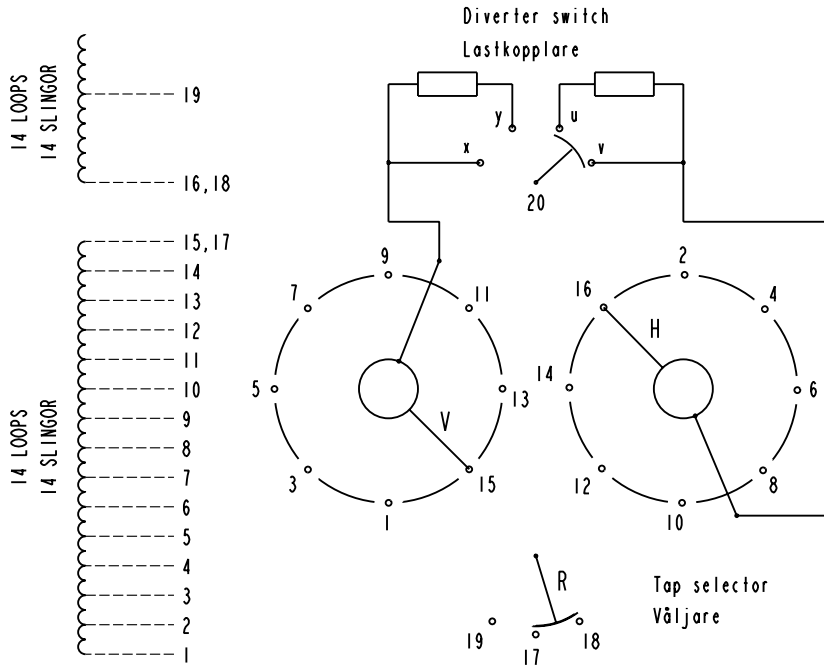


On-load tap-changer type UCCD., 29 tap positions, coarse/fine-switching.  
 Max. effective No. of turns in pos. 1.  
 The tap-changer is delivered set in pos. 15, the preceding pos. was 15A.

Lindningskopplare typ UCCD., 29 lägen, grov/fin-koppling.  
 Max antal effektiva varv i läge 1.  
 Lindningskopplaren levereras inställd i läge 15, föregående läge var 15A.



**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. 15 to 15B and from pos. 15 to 15A the change-over selector R moves simultaneously with contact arm V.

**Grov/Fin-koppling:** Vid omkoppling mellan läge 15 och 15B samt läge 15 och 15A 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            | 17-18   | 17-18           | 8-H-v  |
| 9            |   |                 | 9-V-x  |
| 10           |   |                 | 10-H-v   |
| 11           |   |                 | 11-V-x   |
| 12           |   |                 | 12-H-v   |
| 13           |   |                 | 13-V-x   |
| 14           |   |                 | 14-H-v   |
| 15A          |   |                 | 15-V-x   |
| 15           |   |                 | 16-H-v   |
| 15B          |   |                 | 1-V-x  |
| 16           |   |                 | 2-H-v  |
| 17           |   |                 | 3-V-x  |
| 18           |   |                 | 4-H-v  |
| 19           |   |                 | 5-V-x  |
| 20           |   |                 | 6-H-v  |
| 21           |   |                 | 7-V-x  |
| 22           | 17-19   | 17-19           | 8-H-v  |
| 23           |   |                 | 9-V-x  |
| 24           |   |                 | 10-H-v   |
| 25           |   |                 | 11-V-x   |
| 26           |   |                 | 12-H-v   |
| 27           |   |                 | 13-V-x   |
| 28           |   |                 | 14-H-v   |
| 29           |   |                 | 15-V-x   |

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

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|                    |                |                      |                       |
|--------------------|----------------|----------------------|-----------------------|
| Sheet              | Cont           | Year                 | Week                  |
| Rev Ind            | Revision       | Appd                 | Year Week             |
| Accepted by        | qual control   | Accepted for prod by | Description (English) |
| R. Yngvesson       |                |                      | CONNECTION DIAGRAM    |
| Design checked by  | B-O. Stenestam | Drawn by             | L. Bergman            |
| Drawing checked by | M. Hedlund     | Issued by            | Dept Year Week        |
|                    |                | COM/TKO              | 97 18                 |
|                    |                | Asea Brown Boveri    |                       |
| Lang               | Sheet          | 5492 0381-7          |                       |
| Rev Ind            | Cont           |                      |                       |