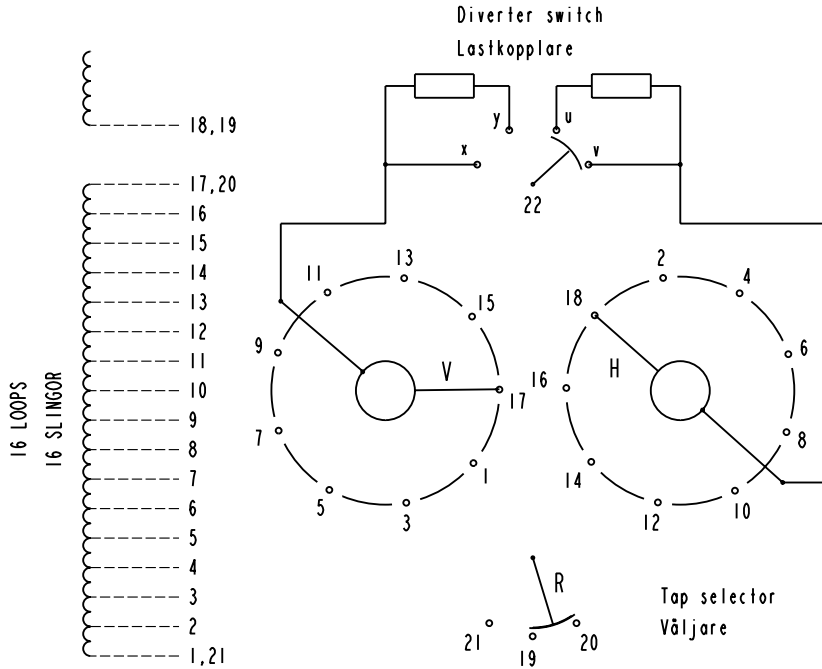


On-load tap-changer type UCCR., 33 tap positions, plus/minus switching.  
 Max. effective No. of turns in pos. 1.  
 The tap-changer is delivered set in pos. 17, the preceding pos. was 17A.

Lindningskopplare typ UCCR., 33 lägen, plus/minus 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.

**Plus/Minus 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.

**Plus/minus-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.

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| 1 Year                    | Week                 |                            |      |      |
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| Rev Ind                   | Revision             | Appd                       | Year | Week |
| Accepted for qual control | Accepted for prod by | Description (English)      |      |      |
| R. Yngvesson              |                      | CONNECTION DIAGRAM         |      |      |
| Design checked by         | Drawn by             | Description (own language) |      |      |
| B-O. Stenestam            | L. Bergman           | KOPPLINGSSHEMA             |      |      |
| Drawing checked by        | Issued by            | Dept                       | Year | Week |
| M. Hedlund                | COM/TKO              | 97                         | 18   |      |
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