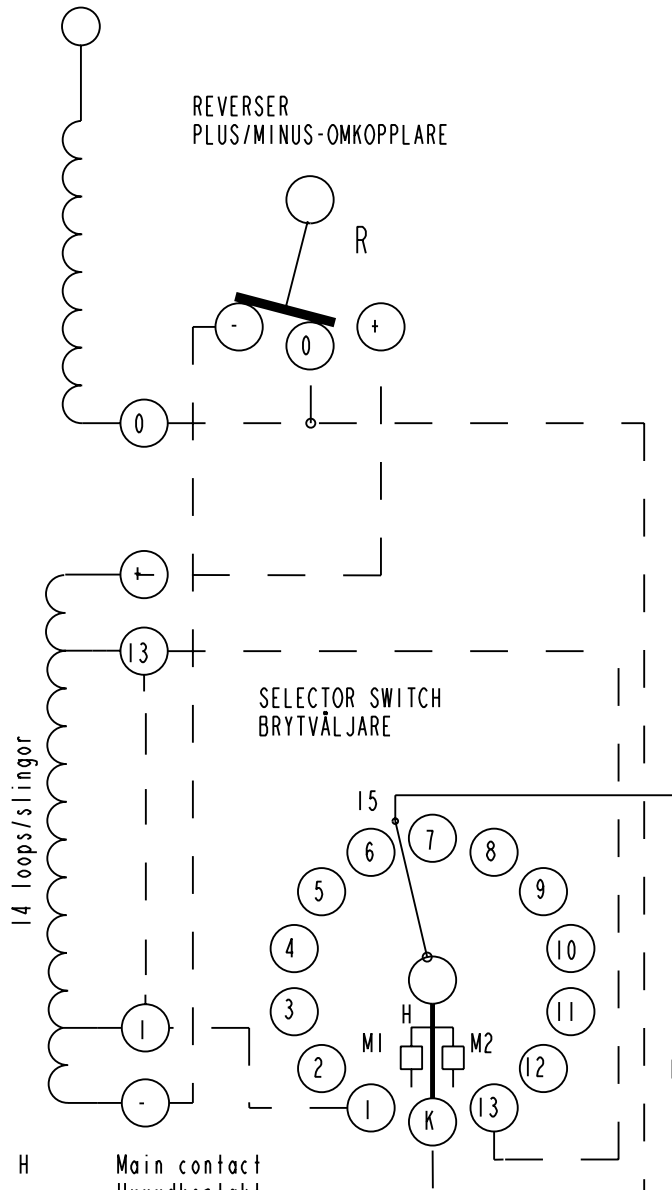


On-load tap-changer type UBBR, 27 tap positions, reverser.  
 Min effective No. of turns in pos 1.  
 The tap-changer is delivered set in pos 14, the preceding pos. was 13.

Lindningskopplare typ UBBR, 27 lägen, plus/minus-koppling.  
 Min antal effektiva varv i läge 1.  
 Lindningskopplaren levereras inställd i läge 14, föregående läge var 13.



H Main contact  
Huvudkontakt  
 M1, M2 Transition contacts  
Motståndskontakter

| Pos<br>Läge | R<br>connects<br>förbinder | H<br>connects<br>förbinder |
|-------------|----------------------------|----------------------------|
| 1           |                            | 13 - 15                    |
| 2           |                            | 12 - 15                    |
| 3           |                            | 11 - 15                    |
| 4           |                            | 10 - 15                    |
| 5           |                            | 9 - 15                     |
| 6           |                            | 8 - 15                     |
| 7           | 0 -                        | 7 - 15                     |
| 8           |                            | 6 - 15                     |
| 9           |                            | 5 - 15                     |
| 10          |                            | 4 - 15                     |
| 11          |                            | 3 - 15                     |
| 12          |                            | 2 - 15                     |
| 13          |                            | 1 - 15                     |
| 14          |                            | K - 15                     |
| 15          |                            | 13 - 15                    |
| 16          |                            | 12 - 15                    |
| 17          |                            | 11 - 15                    |
| 18          | 0 +                        | 10 - 15                    |
| 19          |                            | 9 - 15                     |
| 20          |                            | 8 - 15                     |
| 21          |                            | 7 - 15                     |
| 22          |                            | 6 - 15                     |
| 23          |                            | 5 - 15                     |
| 24          |                            | 4 - 15                     |
| 25          |                            | 3 - 15                     |
| 26          |                            | 2 - 15                     |
| 27          |                            | 1 - 15                     |

1) OUTPUT TERMINAL  
STRÖMAVTAGNING

1) Internal connections between the terminals 15 of the three phases are included in the star-point type. Dashed lines show in delivery not included leads belonging to cleats and leads.

Inre förbindningar mellan uttag 15 i de tre faserna ingår i nollpunktsutförande. Streckade linjer visar i leveransen ej ingående ledare tillhörande anslutningsdonet.

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|                   |                   |                      |                            |              |               |      |      |
|-------------------|-------------------|----------------------|----------------------------|--------------|---------------|------|------|
| Sheet             | Cont              | Year                 | Week                       | Dept         | Appd          | Year | Week |
| Rev Ind           | Revision          | Accepted for prod by | Description (English)      |              | DATA ORIGINAL |      |      |
| Rev Ind           | Revision          | Accepted for prod by | Description (own language) |              | File name     |      |      |
| Design checked by | Design checked by | Drawn by             | KOPPLINGSSCHEMA UBBR       |              | 0391-11       |      |      |
| Design checked by | Design checked by | Issued by            | Lang                       |              | Sheet         |      |      |
| M.Hedlund         | M.Hedlund         | COM/TKO 97 32        | Cont                       |              | -             |      |      |
|                   |                   | Asea Brown Boveri    |                            | 5492 0391-11 |               |      |      |