## Coupler 000121

## Use of the application program

Product family:   System components
Product type:     Line coupler
Manufacturer:     Siemens

Name:             Line / Backbone coupler N 140/03
                  and N 140/13
Order no.:        5WG1 140-1AB03 resp.
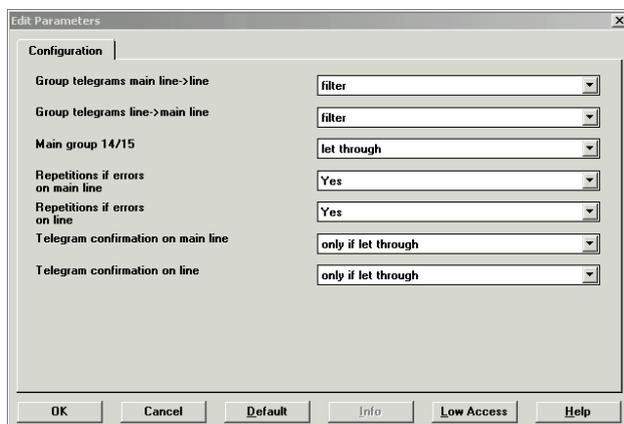                  5WG1 140-1AB13

## Functional description

This application program "Coupler 000121" has to be downloaded with the ETS up from version ETS2V11 if a line / backbone coupler N 140/03 or N 140/13 is used as a line coupler or a backbone coupler.

Please note: before programming a new coupler N 140/03 or N 140/13 the file "**N140_03.VD1**" has to be loaded into the ETS2 data base. When exchanging an already programmed coupler N 140 against a new coupler N 140/03 or N 140/13 first the file "**LK_DUMMY.VD1**" has to be loaded into the ETS2 data base. After this a physical address may be assigned to the new N 140/03 or N 140/13 and then the old filter table and parameters may be downloaded.

If a line / backbone coupler N 140/03 or N 140/13 is used as a repeater the application program "**Repeater 000221**" has to be used.

## Parameters

### Configuration



### Note

The settings printed in **bold** correspond to the factory settings (default values).

| Parameters | Settings |
|---|---|
| **Group telegrams main line → line** | transmit all (for testing only)<br>block<br>**filter** |
| **Group telegrams line → main line** | transmit all (for testing only)<br>block<br>**filter** |
| A line coupler receives telegrams via its line interface and transmits these telegrams via its main line interface or vice versa. For telegrams with group addressing it can be selected separately for the main line and the line if these telegrams should be let through or be blocked completely or be filtered according to the filter table.<br>Note: The setting „transmit all" is provided for testing purposes only. | |
| **Main group 14 / 15** | **let through**<br>block |
| For telegrams with addresses of the main groups 14 and 15 it can be selected if these telegrams should be let through or be blocked completely. | |
| **Repetitions if errors on main line** | **yes**<br>no |
| **Repetitions if errors on line** | **yes**<br>no |
| If a telegram transmitted from the repeater is not answered by an acknowledgement it is possible to specify separately for the main line and the line whether the transmission of this telegram shall be repeated or not. | |
| **Telegram confirmation on main line** | **only if let through**<br>always |
| **Telegram confirmation on line** | **only if let through**<br>always |
| If a telegram is transmitted to a line or a main line and there is no addressed receiver this telegram will not become acknowledged and the transmitting device will repeat this telegram several times.<br>In order to avoid unnecessary telegram repetitions because of a missing acknowledgement the coupler can be set separately for the main line and the line to acknowledge either each telegram or only those to be let through. | |

Siemens AG
Automation and Drives Group
Electrical Installation Technology
P.O. Box 10 09 53, D-93009 Regensburg

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Technical manual

Update: http://www.siemens.de/gamma

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**Spaces for notes**