

### Register Settings, Table 100

The registers can be set through a dialog using the KS2000 configuration software, or it is possible to write into the registers directly.

| Register Description |  | Default                   | Bus Terminal Controller |
|----------------------|--|---------------------------|-------------------------|
| 0-1                  | IP address   | 0xAC, 0x10, 0x11, 0x00    | BC9000, BK9000          |
| 2-3                  | IP mask  | 0xFF, 0xFF, 0x00, 0x00    | BC9000, BK9000          |
| 4-13                 | Device name  | BC9000                    | BC9000, BK9000          |
| 14                   | Watchdog AMS/ADS   | 1000 ms                   | BC9000, BK9000          |
| 15.0                 | 0 <sub>bin</sub>   | Enable ModbusTCP          | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | Disable ModbusTCP         |                         |
| 15.1                 | 0 <sub>bin</sub>   | Enable AMS/ADS            | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | Disable AMS/ADS           |                         |
| 16.8                 | 0 <sub>bin</sub>   | Ethernet mode half duplex | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | Ethernet mode full duplex |                         |
| 16.12                | 0 <sub>bin</sub>   | Auto baud rate off        | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | Auto baud rate on         |                         |
| 16.13                | 0 <sub>bin</sub>   | 10 MBaud                  | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | 100 MBaud                 |                         |
| 17-18                | Default gateway  | 0x00, 0x00, 0x00, 0x00    | BC9000, BK9000          |
| 24                   | Watchdog ModbusTCP   | 1000 ms                   | BC9000, BK9000          |
| 25.0                 | Entry of a fieldbus error (connection to switch interrupted) in the flags area diagnosis |                           | BC9000                  |
|                      | 0  | Error was not entered     |                         |
|                      | 1  | Error was entered         |                         |
| 26                   | ModbusTCP port no.   | 502                       | BC9000, BK9000          |
| 27                   | ADS connection duration  | 10 s                      | BC9000, BK9000          |
| 28                   | Modbus connection duration   | 10 s                      | BC9000, BK9000          |
| 29.0                 | ModbusTCP mode   |                           | BC9000, BK9000          |
|                      | 1 <sub>bin</sub>   | Fast ModbusTCP            |                         |