

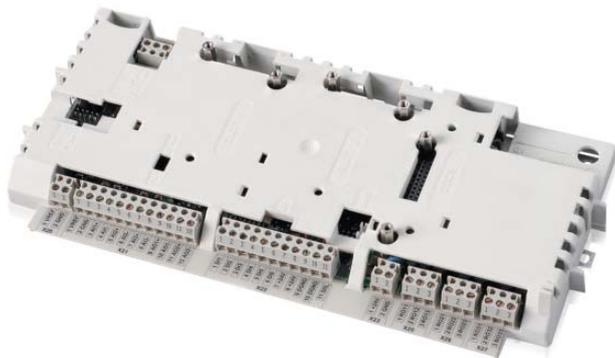
Standard user interface

Standard I/O

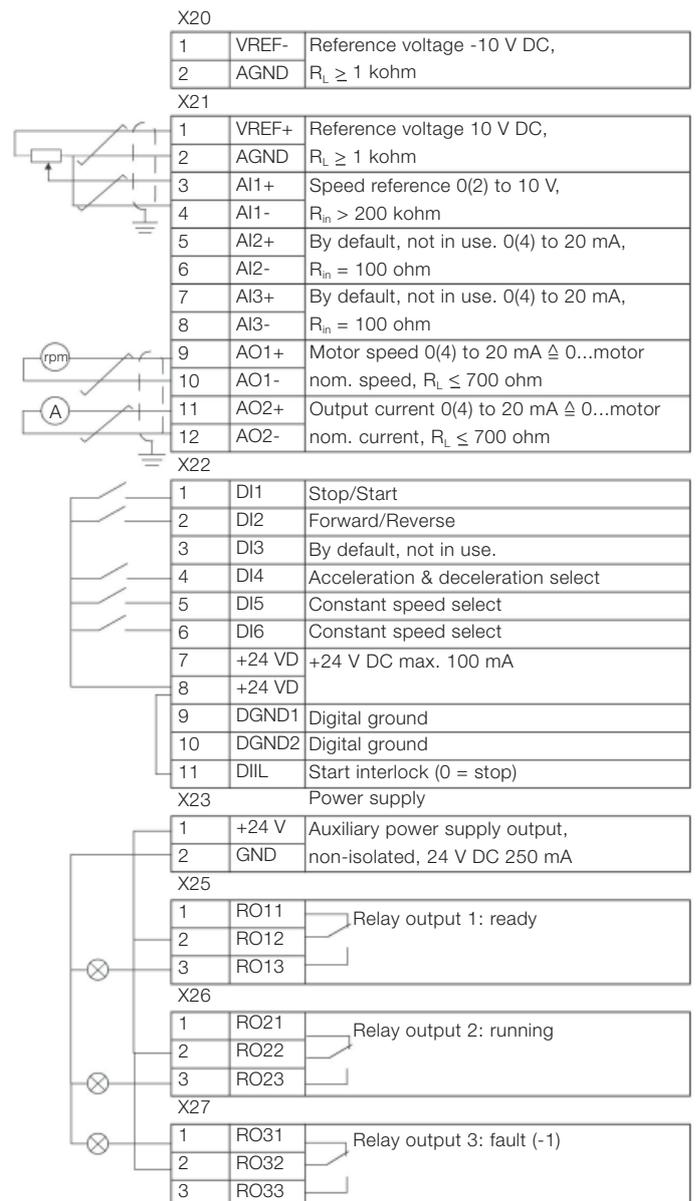
Analog and digital I/O channels are used for different functions such as control, monitoring and measurement purposes (eg, motor temperature). In addition, optional I/O extension modules are available providing additional analog or digital I/O connections.

Standard I/O on RMIO-11 and RMIO-12 board

- R2i - R5i: RMIO-11 at 400 V and 500 V
- R7i, R8i -nxR8i and all 690 V units: RMIO-12
- 3 analog inputs: differential, common mode voltage ± 15 V, galvanically isolated as a group
 - One $\pm 0(2)$ to 10 V, resolution 11 bits
 - Two 0(4) to 20 mA, resolution 11 bits
- 2 analog outputs:
 - 0(4) to 20 mA, resolution 10 bits
- 7 digital inputs: galvanically isolated as a group (can be split in two groups)
 - Input voltage 24 V DC
 - Filtering (HW) time 1 ms
- 3 digital (relay) outputs:
 - Changeover contact
 - 24 V DC or 115/230 V AC
 - Max. continuous current 2 A
- Reference voltage output:
 - ± 10 V $\pm 0.5\%$, max. 10 mA
- Auxiliary power supply output:
 - +24 V $\pm 10\%$, max. 250 mA



Below are the standard drive control I/O of the ABB industrial drive with factory macro. For other ACS800 application macros the functions may be different.



Drive control unit RDCU-12C (motor control unit RMIO-12 is inside the RDCU).