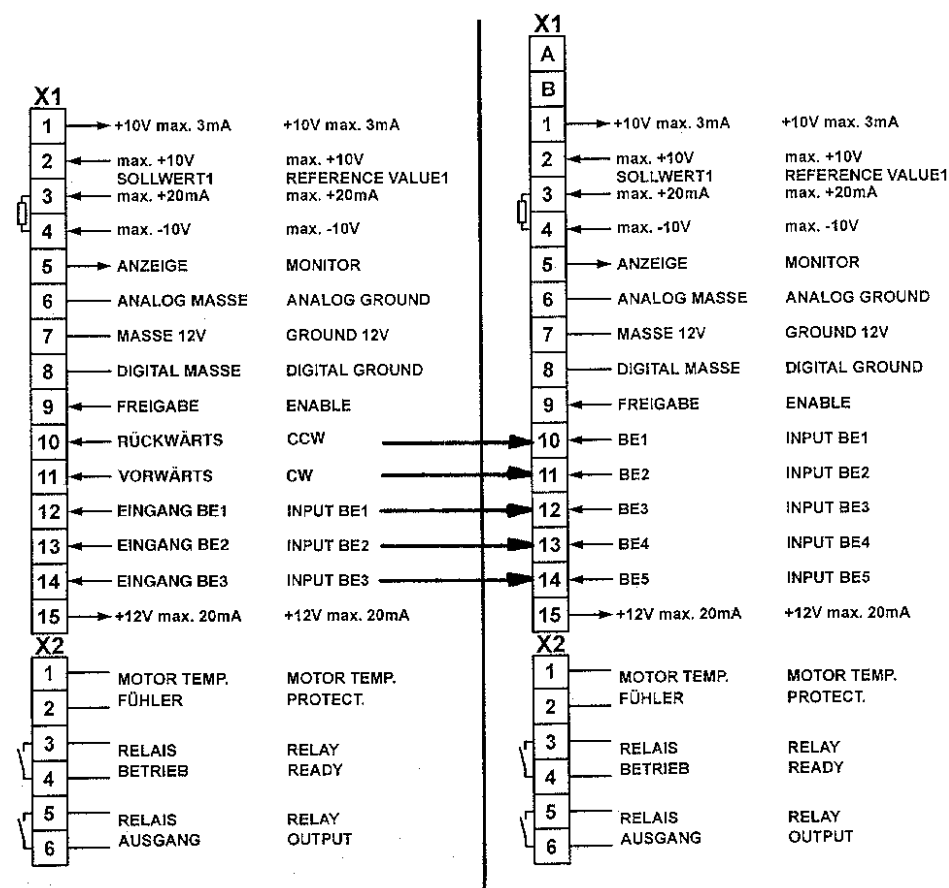


Replacement Instruction / Inverter Series FBS/FDS

Within the enhancement of inverter performance (reinforced input stage, new processor core, integrated EMC filter) the designation of the control inputs 10 to 14 at terminal X1 has changed.

Old
(Powder coated housing)
3 – keys

New
(Key pad)
6 - keys



To replace frequency inverter of the series 1030 – 1200 ; 2008 – 2220 (3-key) to the new series with 6-key-pad, the following items have to be considered :

- 1.) The Push-on terminal strip of the old series can still be used. Just plug-in, starting with no. 1. Inputs A + B at terminal X1 will not be used.
- 2.) Activate menu extension via **A10=1** !
If required, select display language english **A12=1** !
- 3.) At the new series the binary inputs BE1 – BE5 are freely programmable. Therefore the assignments of the inputs 10 to 14 have changed.
The new inverter is delivered with the following default setting :
BE1 = stop
BE2 = direction of rotation
BE3 = reference value-select 1
BE4 = reference value-select 2
BE5 = inactive
To adjust the new inverter and the functionality of the old series follow page 12 product manual (Impr.-Nr.: 441 375), chapter 9.1.2
- 4.) The potentiometer used to be connected at terminal X1.1,- 2,- 4. At the new series, 6-keys, additionally a jumper between terminal X1. 4 and X1.6 is required.
- 5.) If a brake control via relay 2 is required, parameter **F00** must be 1. Same procedure if analog output have to be adjusted (**F40**).