

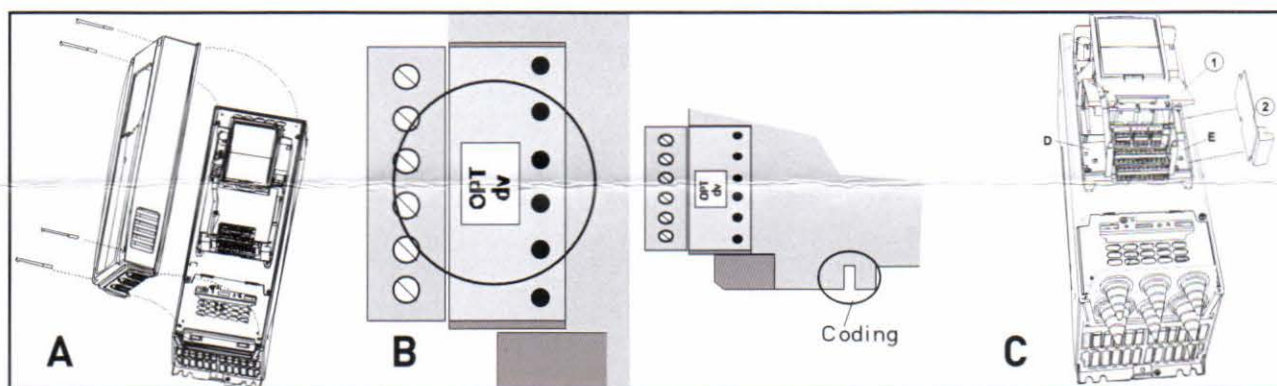


QUICK INSTALLATION AND USER'S GUIDE FOR OPTION BOARD 'OPTBF'

INSTALLATION

	<p>The relay outputs and other I/O-terminals may have a dangerous control voltage present even when the AC drive is disconnected from mains.</p>
	<p>It is not allowed to add or replace option boards on a frequency converter with the power switched on. This may damage the boards.</p>

- A. Open cover of drive
- B. Make sure that the sticker on the connector of the board says "dv" (dual voltage). This indicates that the board is compatible with the AC drive. Compatible boards also have a slot coding that enable the placing of the board.
- C. Open the inner cover **(1)** to reveal the option board slots **(D,E)** and install the option board **(2)** into slot **D** or **E**. Close the inner cover.
- D. Close cover of drive.



BOARD DESCRIPTION



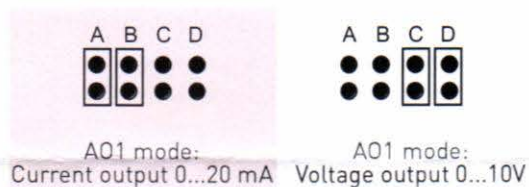
Description:	I/O expander board with analogue output, digital output and relay output.
Allowed slots:	D,E
Type ID:	16966
Terminals:	Two terminal blocks; Screw terminals (M2.6 and M3); No coding
Jumpers:	1; X2

I/O TERMINALS

Terminal	Signal	Technical information
1	A01+	0(4)...20mA; $RL < 500\Omega$; Resolution 10 bits/0.1%; Accuracy $\pm 2\%$ (Not isolated) 0(2)...10V; $RL < 1k\Omega$; Resolution 10 bits/0.1%; Accuracy $\pm 2\%$ (Non isolated) mA / V -selection with jumper X2
2	A01-	
3	D01+	Digital output: Open collector, 50mA/48V (Not isolated)
4	GND	
22 23	R01/Common R01/	Switching capacity: 24VDC/8A 250VAC/8A 125VDC/0.4A Min. switching load: 5V/10mA

JUMPER SELECTION

Jumper block X2:
A01 mode



MORE DETAILED INFORMATION ON THIS OPTION BOARD YOU WILL FIND IN THE COMPLETE I/O OPTION BOARD MANUAL!