

## 4 Technical Data of Options

### 4.1 DEH11B Hiperface® encoder card option


#### 4.1.1 Part number

824 310 7

#### 4.1.2 Description

The option capable MOVIDRIVE® MDX61B units can be equipped with the DEH11B Hiperface® encoder card. The encoder card offers one input for the motor encoder and one input for an external encoder, also referred to as distance encoder. The input for the external encoder can also be used as an output for incremental encoder simulation.

#### 4.1.3 Electronics data

Option DEH11B		
 2058970635	Output for incremental encoder simulation or External encoder input X14:	Output for incremental encoder simulation: • Signal level to RS422 • The number of pulses is the same as on X15 motor encoder input
	Motor encoder input X15:	External encoder input (max. 200 kHz): Permitted encoder types: • Hiperface® encoder • Sin/cos encoder $V_{PP} = AC\ 1V$ • TTL encoder with negated tracks • Encoder with signal level to RS422 Encoder power supply • DC+12 V (tolerance range DC 10.5 - 13 V) • $I_{max} = DC\ 650\ mA^{1)}$

1) Total current load of DC 12 V encoder supply  $\leq DC\ 650\ mA$ .