

# Inverter Drives 8400 HighLine

## Interfaces




### PROFIBUS communication module

A communication module is used to connect the 8400 StateLine, HighLine or TopLine to a bus system.



PROFIBUS communication module

Mode		Features	Slot	Product key
Communication module				
PROFIBUS		<ul style="list-style-type: none"> <li>• 5 LEDs for status display</li> <li>• Sub-D connection</li> <li>• Address can be set via DIP switch</li> </ul>	MCI	E84AYCPMV/S

4.6

- ▶ The Inverter Drives 8400 can be ordered with a plug-in PROFIBUS communication module already installed. If you would like to order the products in this complete form, please add the inverter product key as follows when placing your order: E84AV to X-PMXXX
- ▶ The product key with the supplement for the applied module is provided in our sales documents. This information is not part of the nameplate of the device.

### Standards and operating conditions

<b>Product key</b>				E84AYCPMV/S
<b>Mode</b>				PROFIBUS
<b>Degree of protection</b>				IP20
<b>Climatic conditions</b>				
Storage (EN 60721-3-1)				1K3 (temperature: -25 °C ... +60 °C)
Transport (EN 60721-3-2)				2K3 (temperature: -25 °C ... +70 °C)
Operation (EN 60721-3-3)				3K3 (temperature: -10°C ... +55 °C)
<b>Insulation voltage to reference earth/PE</b>				
EN 61800-5-1	$U_{AC}$	[V]		50.0



### PROFIBUS communication module

#### Rated data

<b>Product key</b>			E84AYCPMV/S
<b>Communication</b>			
Medium			RS 485
Communication profile			PROFIBUS-DP-V1 PROFIBUS-DP-V0
Device profile			PROFIDrive, version 3
<b>Baud rate</b>			
	b	[kBit/s]	9.6 ... 12 000 (automatic detection)
<b>Node</b>			
			Slave
<b>Network topology</b>			
			Line with repeater: Line or tree without repeater:
<b>Process data words (PCD)</b>			
16 Bit			1 ... 16
<b>DP user data length</b>			
			Optional parameter channel (4 words) + process data words
<b>Number of bus nodes</b>			
			31 slaves + 1 master per bus segment With repeaters: 125
<b>Max. cable length</b>			
per bus segment	$l_{\max}$	[m]	1200 (depending on the baud rate and the cable type used)