




8400 Inverter Drives Modules

Communication module PROFIBUS

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



Communication module PROFIBUS

Mode		Features	Slot	Product key
Communication module				
PROFIBUS		<ul style="list-style-type: none"> ▶ 5 LEDs for status display ▶ Address can be set by means of a DIP switch ▶ Electrically isolated from the bus ▶ Sub-D connection ▶ Suitable for Inverter Drives 8400 StateLine, High-Line and TopLine 	MCI	E84AYCPMV/S

- ▶ Inverter Drives 8400 can be purchased with a PROFIBUS communication module attached. To order the products in this ready-made format, please complete the inverter product key as follows when placing your order: E84AV ... 0-PMXXX

Standards and operating conditions

Product key				E84AYCPMV/S
Mode				PROFIBUS
Enclosure				IP20
Climatic conditions				
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)
Insulation voltage to reference earth/PE				
EN 61800-5-1	U_{AC}	[V]		50.0



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