

Inverter Drives 8400 TopLine

Interfaces




EtherCAT® communication module

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



EtherCAT® communication module

Mode		Features	Slot	Product key
Communication module				
EtherCAT		<ul style="list-style-type: none"> • Distributed clock • 5 LEDs for status display • 2 RJ45 connections with LEDs for link and activity • Connection option for separate 24 V supply 	MCI	E84AYCETV/S

4.4

- ▶ The Inverter Drives 8400 can be ordered with a plug-in EtherCAT® 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-ETXXX
- ▶ 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

Product key				E84AYCETV/S
Mode				EtherCAT
Degree of protection				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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Rated data

Product key			E84AYCETV/S
Communication			
Medium			CAT5e S/FTP according to ISO/ICE11801 (2002)
Communication profile			CoE (CANopen over EtherCAT)
Baud rate			
	b	[MBit/s]	100
Node			
			Slave
Network topology			
			Line
Number of logical process data channels			
			1
Process data words (PCD)			
16 Bit			1 ... 16
Number of bus nodes			
			Max. 65535
Max. cable length			
between two nodes	l_{\max}	[m]	100