

DC Follower Node



The EC-Matrix DC follower node allows interfacing with ebm-papst 2/3 wire DC fans and communications with the EC-Matrix master controller. The node is self configurable and hot swappable, the units can be added to or removed from existing systems.

The EC-Matrix system can fully control the fan speed between 20-100% as well as read back true RPM values (if available) of the attached device. In addition to this the unit comes with either a temperature (NTC) input with a range of 0 to 80°C which is fed back to the EC-Matrix master controller.

Part Number	Supply Voltage	Ambient temperature	IP Rating	Width	Height	Length
	VDC	°C				
CDC120080UR-000	12	-10...+70	00	74	74	25
CDC240080UR-000	24	-10...+70	00	74	74	25
CDC480080UR-000	48	-10...+70	00	74	74	25
TBC (DIN Box)		10...+70	00	110	62	35

- NodeBus interface

Connection Table	
0-	NTC temperature input
0-	0 Volt reference input
0-	Alarm output
0-	Tacho feedback
0-	+ Supply (12-48VDC)
0-	- Supply (0V)
0-	+ Fan Output
0-	- Fan Output

