

COMPACT

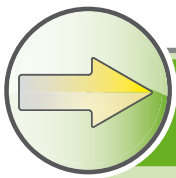
A NEW MEMBER OF THE CUBE FAMILY

CUBE20S

SMALL, SPEEDY, SAFE

Murrelektronik's modular Cube20S I/O system expands the field tested Cube family with another IP20 product line with many features.

The compact modules are only 12.9 millimeter wide. Thanks to their modular design they can be easily and quickly connected – the integrated backplane bus connects the modules to power and data.



WHY CUBE20S?

- Space saving spring clamp terminals
- Configuration diagram on the modules
- Safety modules for safe inputs and outputs (up to PLe) PROFInet/PROFIsafe and PROFibus/PROFIsafe
- Status LEDs with clear channel assignment
- Response time up to 20 μ s
- Highly modular with 2-, 4-, and 8-channel modules
- Up to 64 modules per bus node

PROFI
BUS

PROFI
NET

DeviceNet

EtherCAT

CANopen

EtherNet/IP

Modbus

CUBE20S SELLING FEATURES...

- Easy to install
- Saves installation time
- Error-free mounting and service
- High performance and flexibility

MODEL OVERVIEW

Bus Node		Art. No.
PROFIBUS		57101
EtherCat		57103
CanOpen		57104
EtherNET/IP		57105
PROFINET IO		57106
DeviceNet		57107
Modbus TCP		57108
Supply Modules		Art. No.
Potential distributor	8 x 24 V DC	57120
Potential distributor	8 x 0 V DC	57121
Potential distributor	4 x 24 V DC + 4 x 0 V DC	57122
Power module	24 V DC	57130
Power module	24 V DC + 5 V DC/2 A	57131
Function Modules		Art. No.
Communication module	RS 232	57140
Communication module	RS 422/485	57141
SSI modul	SSI Encoder	57142
Counter module	1 x 32 Bit up to 400 Khz + 1DO	57160
Counter module	1 x 32 Bit up to 2 Mhz	57161
Counter module	2 x 32 Bit up to 400 Khz 45 parameter bytes	57162
Counter module	2 x 32 Bit up to 400 Khz ECO 12 parameter bytes	57163
Digital Input Modules		Art. No.
DI2	2 x 24 V DC	57220
DI2	2 x 24 V DC configurable input filters	57221
DI2	2 x 24 V DC NPN	57222
DI2	2 x 24 V DC Time Stamp ETS	57223
DI4	4 x 24 V DC	57240
DI4	4 x 24 V DC configurable input filters	57241
DI4	4 x 24 V DC NPN	57242
DI4	4 x 24 V DC Time Stamp ETS	57243
DI4	4 x 24 V DC 2/3 wire	57244
DI8	8 x 24 V DC	57280
DI8	8 x 24 V DC NPN	57282
Digital Output Modules		Art. No.
DO2	2 x 24 V DC 0.5 A	57320
DO2	2 x 24 V DC 0.5 A NPN	57322
DO2	2 x 24 V DC 0.5 A Time Stamp ETS	57323
DO2	2 x 24 V DC 2 A	57325
DO2	2 x 24 V DC 0.5 A PWM	57326
DO2	2 x 230 AC 3.0 A relais	57327
DO4	4 x 24 V DC 0.5 A	57340
DO4	4 x 24 V DC 0.5 A NPN	57342
DO4	4 x 24 V DC 0.5 A Time Stamp ETS	57343
DO4	4 x 24 V DC 2 A	57345
DO8	8 x 24 V DC 0.5 A	57380
DO8	8 x 24 V DC 0.5 A NPN	57382

Analog Input Modules		Art. No.
AI2	2 x 16 Bit TH 10 parameter bytes	57230
AI2	2 x 16 Bit (U 0...10V)	57231
AI2	2 x 16 Bit (I 0(4)...20mA)	57232
AI2	2 x 16 Bit (U -10...+10V)	57233
AI2	2 x 16 Bit TH 22 parameter bytes	57234
AI4	4 x 16 Bit (U 0...10 V)	57261
AI4	4 x 16 Bit (I 0(4)...20 mA)	57262
AI4	4 x 16 Bit (U -10...+10V)	57263
AI4	4 x 16 Bit R/RTD (0...3000 Ohm) 34 parameter bytes	57265
AI4	4 x 16 Bit R/RTD (0...3000 Ohm) 12 parameter bytes	57266
Analog Output Modules		Art. No.
AO2	2 x 16 Bit (U 0...10 V)	57331
AO2	2 x 16 Bit (U -10...+10 V)	57333
AO4	4 x 16 Bit (U 0...10 V)	57361
AO4	4 x 16 Bit (U -10...+10 V)	57363
Safety Modules	For PROFINET/PROFIsafe and PROFIBUS/PROFIsafe	Art. No.
FDI4/2-Safety	2 x 24 V DC	57290
FDO4/2-Safety	2 x 24 V DC	57390
Accessories		Art. No.
Bus cover		57190
Backplane support		57191



For more information visit:
www.murrelektronik.com

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