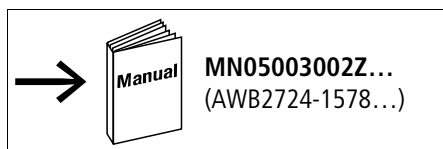


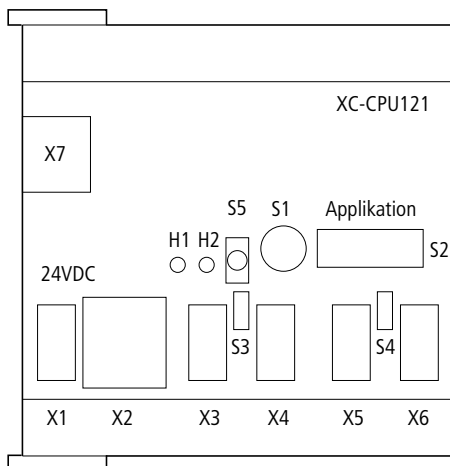
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 (AWA2724-2304)

XC-CPU121-2C256K



→ The device is suitable for use in industrial environments (→ EN 55011/22 Class A).
 Das Gerät ist für den industriellen Einsatz geeignet (→ EN 55011/22 Klasse A).
 L'appareil a été conçu pour l'emploi en milieu industriel (→ EN 55011/22 classe A).
 Este aparato es adecuado para aplicaciones industriales (→ EN 55011/22 clase A).
 L'apparecchio è adatto per uso in ambienti industriali (→ EN 55011/22 Classe A).

Front view
Frontansicht
Face avant
Vista de frente
Vista frontale



XC-CPU121... OS
≙ V02
≙ V1.15

- (en)
- S1 Mode
 - S2 Application switch
 - S3 Switch for bus termination resistors for CAN 1
 - S4 Switch for bus termination resistors for CAN 2
 - S5 SET button
 - X1 Power Supply
 - X2 COM1 programming interface (RS232)
 - X3 COM2 interface (RS232/RS485)
 - X4 CANopen interface CAN1
 - X5 CANopen interface CAN2
 - X6 CANopen interface CAN2
 - X7 Multimedia card (MMC)
 - H1 LED RUN/STOP
 - H2 LED SF

- (de)
- S1 Mode
 - S2 Applikationsschalter
 - S3 Schalter für Busabschlusswiderstände für CAN 1
 - S4 Schalter für Busabschlusswiderstände für CAN 2
 - S5 SET-Taster
 - X1 Power Supply
 - X2 COM1-Programmier-Interface (RS232)
 - X3 COM2-Interface (RS232/RS485)
 - X4 CANopen-Interface CAN1
 - X5 CANopen-Interface CAN2
 - X6 CANopen-Interface CAN2
 - X7 Multimedia Card (MMC)
 - H1 LED RUN/STOP
 - H2 LED SF

(fr)	S1	Mode
	S2	Switch d'application
	S3	Sélecteur résistances de terminaison de bus pour CAN 1
	S4	Sélecteur résistances de terminaison de bus pour CAN 2
	S5	Bouton SET
	X1	Alimentation
	X2	Interface de programmation COM1 (RS232)
	X3	Interface COM2 (RS232/RS485)
	X4	Interface CANopen CAN1
	X5	Interface CANopen CAN2
	X6	Interface CANopen CAN2
	X7	Carte Multimédia (MMC)
	H1	DEL RUN/STOP
	H2	DEL SF

(es)	S1	Modo
	S2	Interruptor de aplicación
	S3	Interruptor para cargas bus para CAN 1
	S4	Interruptor para cargas bus para CAN 2
	S5	Tecla SET
	X1	Alimentación de corriente
	X2	Interface de programación COM1 (RS232)
	X3	Interface COM2 (RS232/RS485)
	X4	Interface CANopen CAN1
	X5	Interface CANopen CAN2
	X6	Interface CANopen CAN2
	X7	Tarjeta multimedia (MMC)
	H1	LED RUN/STOP
	H2	LED SF

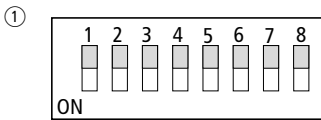
(it)	S1	Modalità
	S2	Interruttore applicazione
	S3	Interruttore per resistenze di terminazione bus per CAN 1
	S4	Interruttore per resistenze di terminazione bus per CAN 2
	S5	Tasto SET
	X1	Alimentazione

X2	Interfaccia di programmazione COM1 (RS232)
X3	Interfaccia COM2 (RS232/RS485)
X4	Interfaccia CANopen CAN1
X5	Interfaccia CANopen CAN2
X6	Interfaccia CANopen CAN2
X7	Scheda Multimedia (MMC)
H1	LED RUN/STOP
H2	LED SF

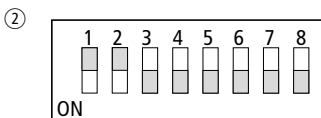
Mode (S1) – Modo (S1) – Modalità (S1)

Position – Posición – Posizione	Function – Funktion – Funzione – Fonction – Función
0	STOP
1	push SET-Button (S5) → RUN
2, 3, ..., 7	STOP
8	STOP; push SET-Button (S5) 3 sec. → Default value active – Defaultwerte aktiv – Valeur par défaut active – Valor predeterminado activo – Valore di default attivo
9	STOP; push SET-Button (S5) 3 sec. → Reset – Rearme – Raz

Application switch – Applikationsschalter – Switch d'application – Interruptor de aplicación – Interruttore applicazione



1...8 ON (Default)



1, 2 ON; 3...8 OFF = 3

Configuration	Switch No	Function
application	1, 2, ..., 8 = ON	Number 255
	1 = OFF; 2, 3, ..., 8 = ON	Number 254

Node Id CAN (8 = no function)	1 = ON; 2, 3, ..., 8 = OFF	Number 1
	1, 2, ..., 8 = OFF	Number 0

Node Id routing (8 = ON : CAN2) (8 = OFF: CAN1)	1, 2, ..., 7 = ON	Node Id 127
	1 = OFF; 2, 3, ..., 7 = ON	Node Id 126

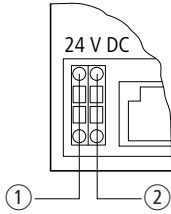
	1 = ON; 2, 3, ..., 7 = OFF	Node Id 1
	1, 2, ..., 7 = OFF	not ok → 127

	1, 2, ..., 7 = ON	Node Id 127
	1 = OFF; 2, 3, ..., 7 = ON	Node Id 126

	1 = ON; 2, 3, ..., 7 = OFF	Node Id 1
	1, 2, ..., 7 = OFF	not ok → 127

Connections – Anschlüsse – Raccordements – Conexiones – Collegamenti

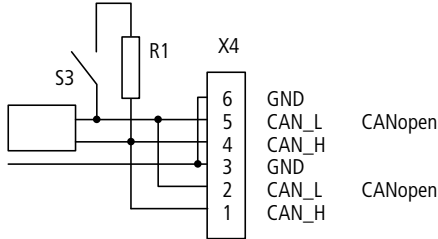
Power Supply 24 V DC (X1)



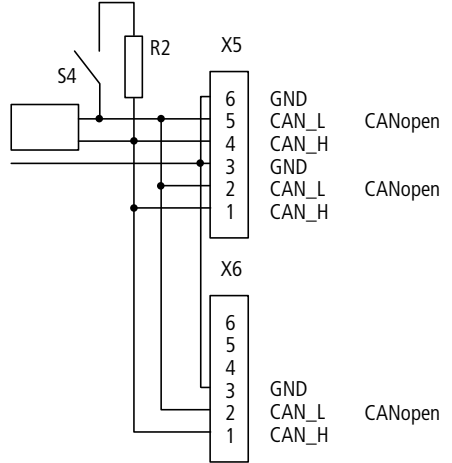
- (en) 2-pole, plug-in springloaded terminal block
- (de) 2-poliger, steckbarer Federzugklemmenblock
- (fr) Bornier à ressort enfichable, 2 pôles
- (es) Bloque de bornes de resorte enchufable de 2 polos
- (it) Morsettiera ad innesto a molla, 2 poli

- ① 24 V DC
- ② 0 V

CAN1 (X4)



CAN2 (X5, X6)



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- (en) X4, 5, 6 6-pole, plug-in springloaded terminal block
- R1, 2 Bus termination resistor 120 Ω
- S3, 4 Switch for bus termination resistor (S3: CAN1, S4: CAN2)

- (de) X4, 5, 6 6-poliger, steckbarer Federzugklemmenblock
- R1, 2 Busabschlusswiderstand 120 Ω
- S3, 4 Schalter für Busabschlusswiderstand (S3: CAN1, S4: CAN2)

- (fr) X4, 5, 6 Bornier à ressort enfichable, 6 pôles
- R1, 2 Résistance de terminaison de bus 120 Ω
- S3, 4 Sélecteur résistances de terminaison de bus (S3: CAN1, S4: CAN2)

- (es) X4, 5, 6 Bloque de bornes de resorte enchufable de 6 polos
- R1, 2 Carga bus 120 Ω
- S3, 4 Interruptor para carga bus (S3: CAN1, S4: CAN2)

- (it) X4, 5, 6 Morsettiera ad innesto a molla, 6 poli
- R1, 2 Resistenza di terminazione bus 120 Ω
- S3, 4 Interruttore per resistenza di terminazione bus (S3: CAN1, S4: CAN2)

S3, 4

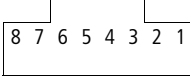


Switched off – Ausgeschaltet – Arrêt – Abierto – Spento (Default)

Switched on – Eingeschaltet – Marche – Cerrado – Acceso

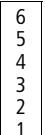
COM1 (X2)

RS232 (programming) interface – RS-232-(Programmier-)Interface – Interface de programmation RS232 – Interface (de programación) RS232 – Interfaccia (di programmazione) RS232

RJ 45	RS232	
	Signal Señal Segnale	
	8	RxD
	7	GND
	6	–
	5	TxD
	4	GND
	3	–
	2	–
	1	–

COM2 (X3)

RS232/RS485 interface – RS-232-/RS-485-Interface – Interfaccia RS232/RS485 – Interface RS232/RS485

	RS232	RS485	
	Signal Señal Segnale	Signal Señal Segnale	
	6	RxD	–
	5	TxD	–
	4	Vcc	–
	3	GND	–
	2	–	Tx–/Rx–
	1	–	Tx+/Rx+

①

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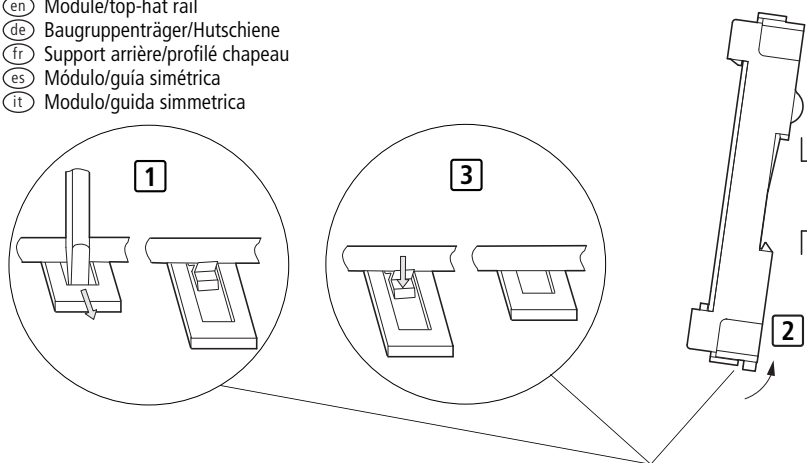
- ① **en** 6-pole, plug-in springloaded terminal block
- ① **de** 6-poliger, steckbarer Federzugklemmenblock
- ① **fr** Bornier à ressort enfichable, 6 pôles
- ① **es** 6-poliger, steckbarer Federzugklemmenblock
- ① **it** Morsettiera ad innesto a molla, 6 poli

- ① **en** external bus termination resistor (120 Ω), first and last device at bus
- ① **de** externer Busabschlusswiderstand (120 Ω), 1. und letztes Gerät am Bus
- ① **fr** résistance der terminaison externe de bus (120 Ω), premier et dernier appareil sur le bus
- ① **es** resistencia de terminal externa de bus (120 Ω), primero o último aparato en el bus
- ① **it** resistenza di terminazione bus esterna (120 Ω), primo e ultimo apparecchio sul bus

Einklappseite: 17 mm Beschnitt

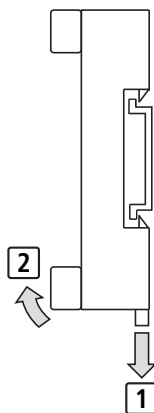
Fitting – Montage – Montaje – Montaggio

- (en) Module/top-hat rail
- (de) Baugruppenträger/Hutschiene
- (fr) Support arrière/profilé chapeau
- (es) Módulo/guía simétrica
- (it) Modulo/guida simmetrica



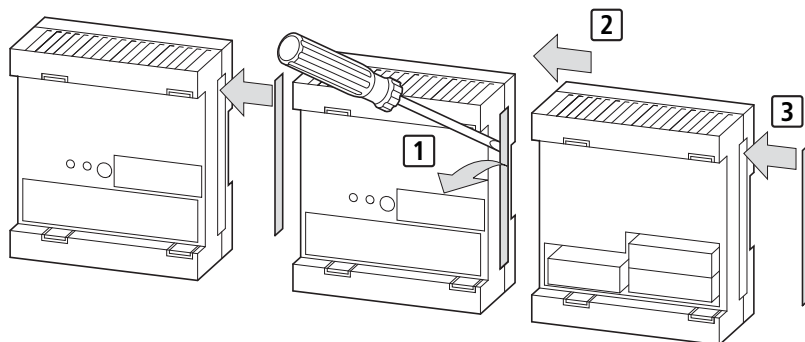
Dismantling – Demontage – Démontage – Desmontaje – Smontaggio

- (en) Module/top-hat rail
- (de) Baugruppenträger/Hutschiene
- (fr) Support arrière/profilé chapeau
- (es) Módulo/guía simétrica
- (it) Modulo/guida simmetrica



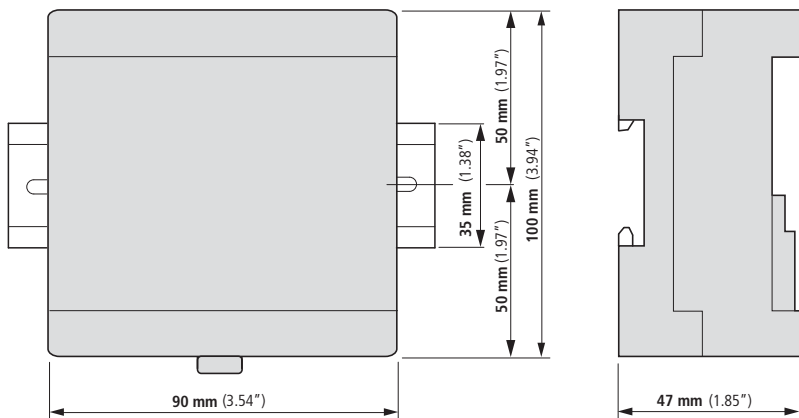
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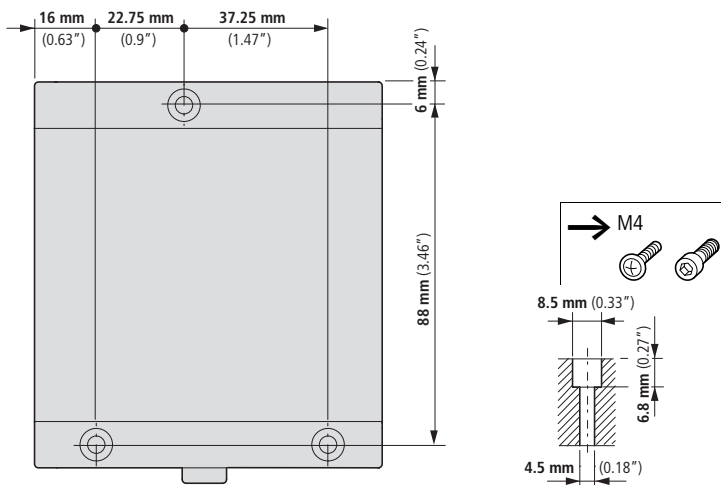


Dimensions – Abmessungen – Dimensiones – Dimensioni [mm (inch)]

Base module/expansion module – Basisbaugruppenträger/Erweiterungsbaugruppenträger – Support arrière (de base)/support arrière (d'extension) – Módulo base/módulo de ampliación – Modulo di base/modulo di espansione



Screw fixing of the modules on the mounting plate – Schraub-Befestigung der Baugruppenträger auf der Montageplatte – Fixation par vis des supports arrière sur la platine de montage – Fijación por tornillo de los módulos en la placa de montaje – Fissaggio a vite dei moduli di base su piastra di montaggio



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