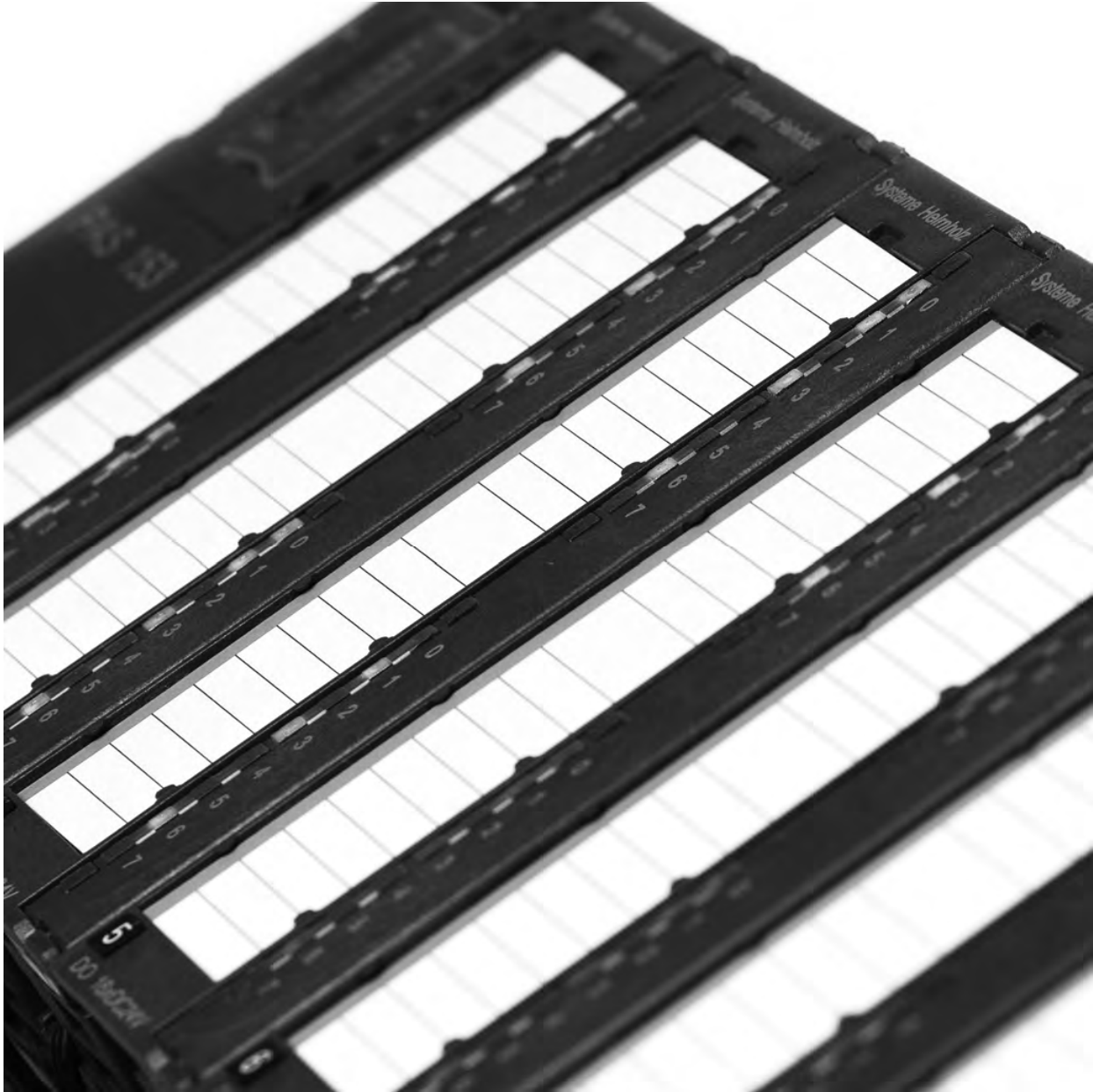
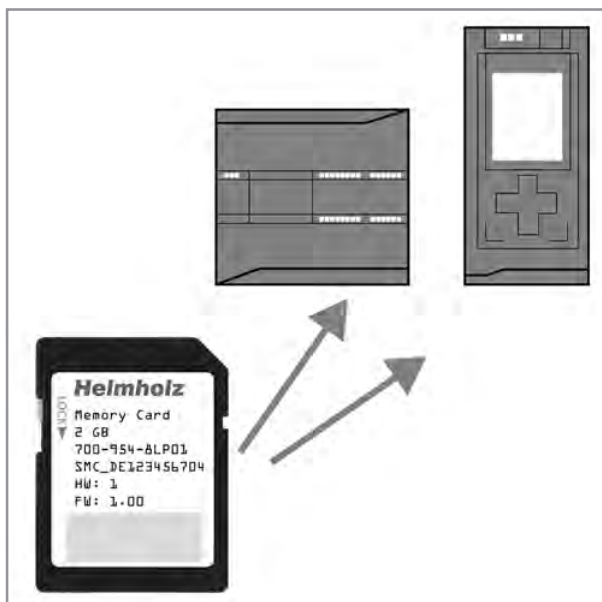




Components for S7

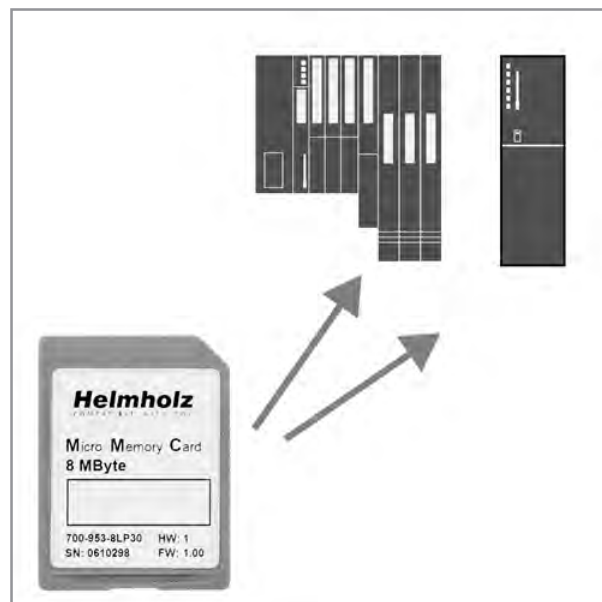
- Memory cards
- Micro memory cards
- Digital modules
- Analog modules
- Front connector



Memory cards for the 1200/1500 series

The memory cards are suitable for use in S7-1200¹/S7-1500¹ controllers of Siemens AG.

They are available in the following memory sizes:
4 MB, 12 MB, 24 MB, 256 MB and 2 GB.



Micro memory card for the 300 series

The Micro memory cards are suitable for use in the S7-300¹ and ET200¹S CPU controllers of Siemens AG.

Our product range includes the entire range of the most popular modules plus the special variants 256 kB and 1 MB.

The Micro memory cards are available in the following memory sizes: 64 kB, 128 kB, 256 kB, 512 kB, 1 MB, 2 MB, 4 MB, and 8 MB.

TECHNICAL DATA 1200/1500 MEMORY CARDS

Storage volume	4 MByte 12 MByte 24 MByte 256 MByte 2 GByte
Application options	CPU 1200 CPU 1500

TECHNICAL DATA 300MICRO MEMORY CARDS

Storage volume	64 Kbyte 128 Kbyte 256 Kbyte 512 Kbyte 1 MByte 2 MByte 4 MByte 8 MByte
Application options	CPU 312C CPU 313C CPU 314C CPU 312 ... 317 IM 151, IM 153, IM 154 CPU C7

ORDERING DATA

ORDER NO.

Memory cards for the 1200/1500 series	
4 MByte	700-954-8LC01
12 MByte	700-954-8LE01
24 MByte	700-954-8LF01
256 MByte	700-954-8LL02
2 GByte	700-954-8LP01

ORDERING DATA

ORDER NO.

Micro memory cards for the 300 series	
64 Kbyte	700-953-8LF30
128 Kbyte	700-953-8LG30
256 Kbyte	700-953-8LH30
512 Kbyte	700-953-8LJ30
1 MByte	700-953-8LK30
2 MByte	700-953-8LL30
4 MByte	700-953-8LM30
8 MByte	700-953-8LP30

1) S7-300, S7-1200, and S7-1500, and ET 200 are registered trademarks of Siemens AG.

DEA 300, digital input module



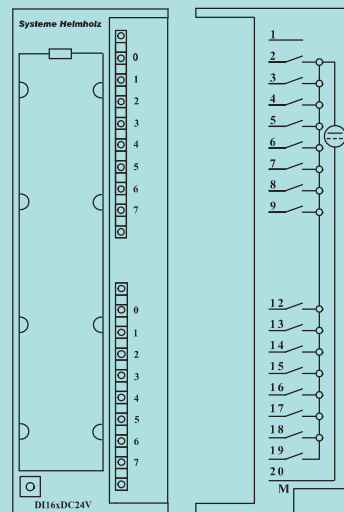
Digital input module, 16 and 32 inputs

Accessories note

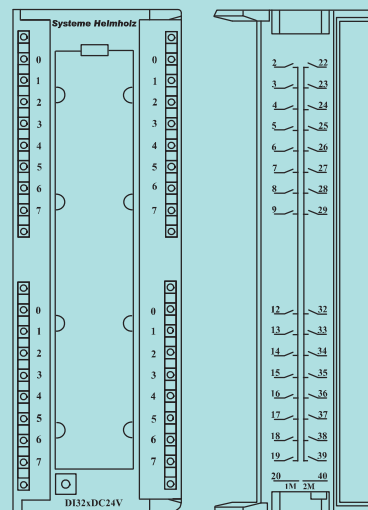
Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T4 including Class I Zone 2 IIC.



700-321-1BH02



700-321-1BL00

ORDERING DATA

DEA 300, digital input module

16 inputs (DC 24 V)

32 inputs (DC 24 V)

DEA 300 Manual, German/English

ORDER NO.

700-321-1BH02

700-321-1BL00

900-321-1DE11

TECHNICAL DATA

		700-321-1BH02	700-321-1BL00
Number of inputs		16	32
Electrically isolated (from backplane bus) in groups to		Yes (optocoupler) 16	Yes (optocoupler) 16
Input voltage · Rated value · For signal "0" · For signal "1"		DC 24 V -3 ... +5 V +13 ... +30 V	DC 24 V -3 ... +5 V +13 ... +30 V
Input current · For signal "1"	typ.	7 mA	7 mA
Delay time	typ.	1.2 ... 4.8 ms	1.2 ... 4.8 ms
Can accommodate 2-wire initiator Permitted bias current for signal "0"	max.	Yes 1.5 mA	Yes 1.5 mA
Cable length · Unshielded · Shielded	max. max.	600 m 1000 m	600 m 1000 m
Current draw · Internal (backplane bus) · External (from +24 V)	typ. max.	20 mA 140 mA	30 mA 290 mA
Power dissipation (nominal operation)	typ.	3.5 W	6.8 W
Front connector		20-pin	40-pin
Ambient temperature		0 °C ... +60 °C	0 °C ... +60 °C
Transport and storage temperature		-25 °C ... +75 °C	-25 °C ... +75 °C

DEA 300, digital output module



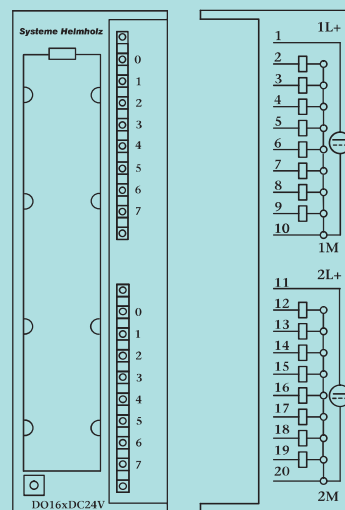
Digital output modules, 16 and 32 outputs

Accessories note

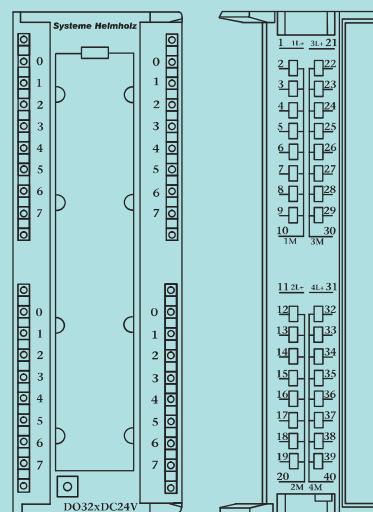
Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T4 including Class I Zone 2 IIC.



700-322-1BH01



700-322-1BL00

ORDERING DATA**DEA 300, digital output module**

16 outputs (DC 24 V, 0.5 A)

32 outputs (DC 24 V, 0.5 A)

DEA 300 Manual, German/English

ORDER NO.

700-322-1BH01

700-322-1BL00

900-321-1DE11

TECHNICAL DATA	700-322-1BH01	700-322-1BL00
Number of outputs	16	32
Electrically isolated (from backplane bus) in groups to	Yes (optocoupler) 8	Yes (optocoupler) 8
Supply voltage U_p, U_s · Rated value · Ripple U_{ss} · Permissible range (with ripple) · Value for $t < 10$ ms	max. DC 24 V 3.6 V 20 ... 30 V max. 50 V	DC 24 V 3.6 V 20 ... 30 V 50 V
Output current · Rated value	0.5 A	0.5 A
Short-circuit protection	Electronic	Electronic
Inductive cutoff voltage limited to	-48 V	-48 V
Cable length · Unshielded · Shielded	max. 600 m max. 1000 m	600 m 1000 m
Current draw · Internal (backplane bus) · External without load (from +24 V)	max. 100 mA typ. 120 mA	125 mA 200 mA
Power dissipation (nominal operation)	typ. 5 W	6.8 W
Front connector	20-pin	40-pin
Ambient temperature	0 °C ... +60 °C	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C	-25 °C ... +75 °C

DEA 300, digital input/output module



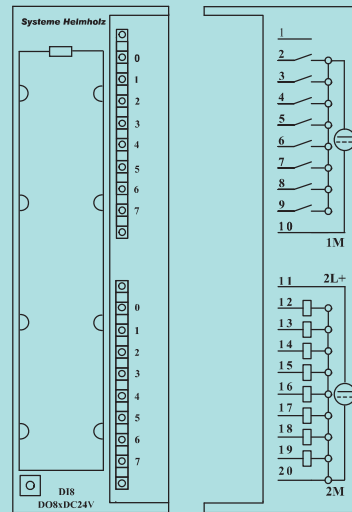
Digital input/output modules

Accessories note

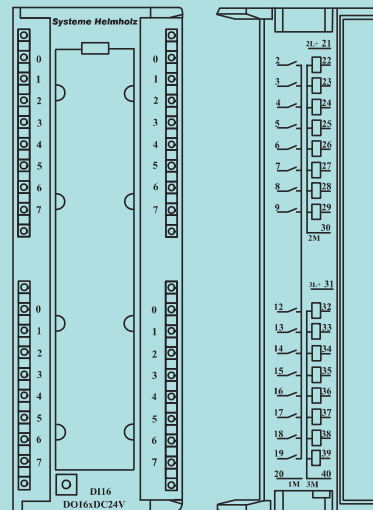
Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T4 including Class I Zone 2 IIC.



700-323-1BH01



700-323-1BL00

ORDERING DATA

DEA 300, digital input/output module
8 inputs (DC 24 V)/
8 outputs (DC 24 V, 0.5 A)

DEA 300, digital input/output module
16 inputs (DC 24 V)/
16 outputs (DC 24 V, 0.5 A)

DEA 300 Manual, German/English

ORDER NO.

700-323-1BH01

700-323-1BL00

900-321-1DE11

TECHNICAL DATA		700-323-1BH01	700-323-1BL00
Number of inputs		8	16
Electrically isolated (from backplane bus) in groups to		Yes (optocoupler) 8	Yes (optocoupler) 16
Input voltage · Rated value · For signal "0" · For signal "1"		DC 24 V -3 ... +5 V +13 ... +30 V	DC 24 V -3 ... +5 V +13 ... +30 V
Input current · For signal "1"	typ.	7 mA	7 mA
D	elay time typ.	1.2 ... 4.8 ms	1.2 ... 4.8 ms
Can accommodate 2-wire initiator Permitted bias current for signal "0"	max.	Yes 1.5 mA	Yes 1.5 mA
Cable length · Unshielded · Shielded	max. max.	600 m 1000 m	600 m 1000 m
Number of outputs		8	16
Electrically isolated (from backplane bus) in groups to		Yes (optocoupler) 8	Yes (optocoupler) 8
Output current · Rated value		0.5 A	0.5 A
Short-circuit protection		Electronic	Electronic
Inductive cutoff voltage limited to		-48 V	-48 V
Cable length · Unshielded · Shielded	max. max.	600 m 1000 m	600 m 1000 m
Supply voltage U_p, U_s · Rated value · Ripple U_{ss} · Permissible range (with ripple) · Value for $t < 10$ ms	max. max.	DC 24 V 3.6 V 20 ... 30 V 50 V	DC 24 V 3.6 V 20 ... 30 V 50 V
Current draw · Internal (backplane bus) · External without load (from +24 V)	typ. max.	55 mA 60 mA	90 mA 120 mA
Power dissipation (nominal operation)	typ.	3.5 W	6.8 W
Front connector		20-pin	40-pin
Ambient temperature		0 °C ... +60 °C	0 °C ... +60 °C
Transport and storage temperature		-25 °C ... +75 °C	-25 °C ... +75 °C

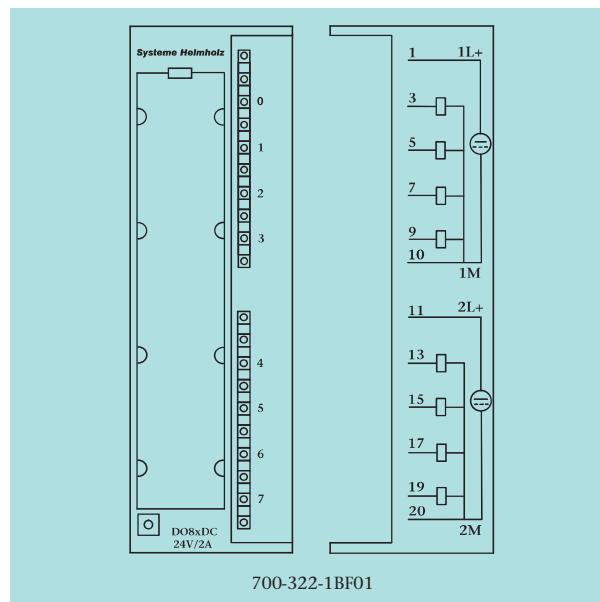
DEA 300, digital output module; 2 amperes



Digital output module, 8 outputs, 2 amperes

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).

**TECHNICAL DATA**

Number of outputs	8
Electrically isolated (from backplane bus) in groups to	Yes (optocoupler) 4
Supply voltage L+/L-	
· Rated value	DC 24 V
· Ripple U_{ss} max.	3.6 V
· Permissible range (with ripple)	20 ... 30 V
· Value for $t < 10$ ms max.	40 V
Output current	
· Rated value	2 A
Total current of the outputs (per group, horizontal configuration)	
· Up to 40 °C	8 A
· Up to 60 °C	6 A
Short-circuit protection	Electronic
Short-circuit current typ.	12 A clocked
Limitation of inductive cutoff voltage to	-23 V
Cable length	
· Unshielded max.	600 m
· Shielded max.	1000 m
Current draw	
· Internal (backplane bus) typ.	40 mA
· External without load (from +24 V) max.	60 mA
Power dissipation (nominal operation) typ.	6.8 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

ORDERING DATA**ORDER NO.**

DEA 300, digital output module 8 outputs (DC 24 V, 2 A)	700-322-1BF01
DEA 300 Manual, German/English	900-321-1DE11



Digital output module, 16 relays

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).

**Order No. 700-322-1HH01:**

Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

TECHNICAL DATA

	700-322-1HH01	700-322-1HF01
Number of outputs	16	8
Load voltage L+/L-	DC 24 V	DC 24 V
Output voltage	AC to 230 V DC to 120 V	AC to 230 V DC to 120 V
Output current Total current of the outputs (per group) max.	8 A	4 A
Electrically isolated (from backplane bus) in groups to	Yes (optocoupler) 8	Yes (optocoupler) 2
Thermal continuous current	2 A	3 A
Switching frequency of the outputs · Under resistive load max. · Under inductive load max. · Under lamp load max. · Mechanical max.	1 Hz 0.5 Hz 1 Hz 10 Hz	2 Hz 0.5 Hz 2 Hz 10 Hz
Switching capacity of the contacts · Under resistive load max. · Under inductive load max.	2 A (AC 230 V) 2 A (DC 24 V) 2 A (AC 120 V) 2 A (DC 24 V)	2 A (AC 230 V) 2 A (DC 24 V) 2 A (AC 120 V) 2 A (DC 24 V)
Operations of the contacts · Under mechanical load · Under resistive load	10 million 2 A, 1 million	10 million 2 A, 0.7 million
Front connector	20-pin	20-pin
Ambient temperature	0 °C ... +60 °C	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C	-25 °C ... +75 °C

ORDERING DATA**DEA 300, digital output module**

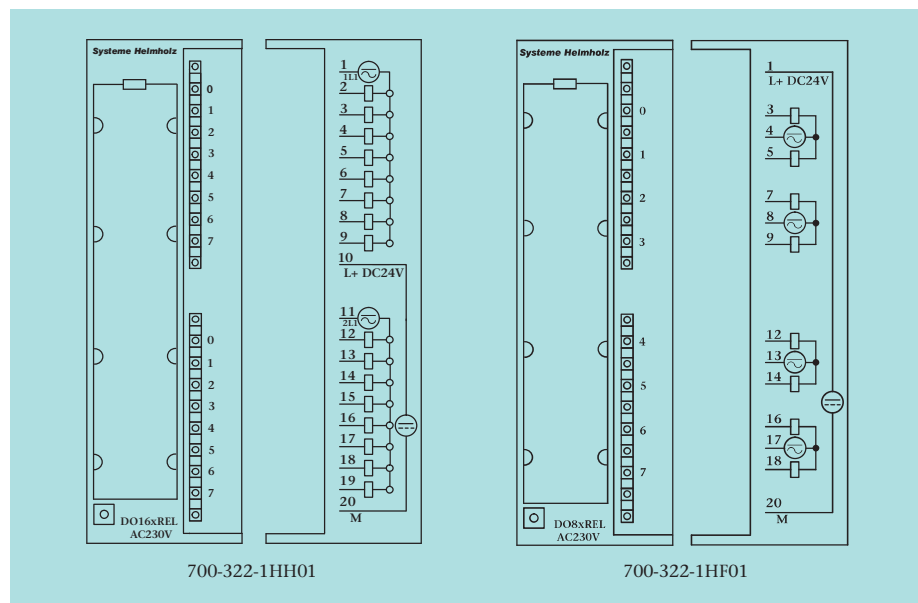
16 outputs, relay, 2 A
8 outputs, relay, 2 A

DEA 300 Manual, German/English

ORDER NO.

700-322-1HH01
700-322-1HF01

900-321-1DE11



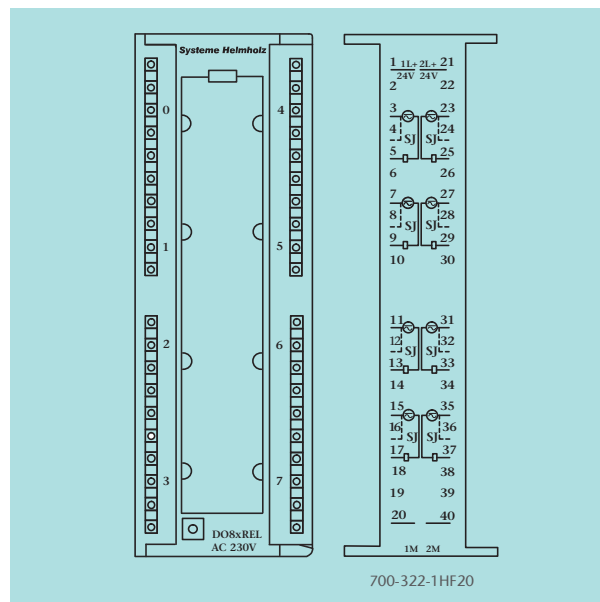
DEA 300, digital output module; relay output, 5 amperes



Digital output module, 8 relays

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).

**TECHNICAL DATA**

Number of outputs	8
Load voltage L+/L-	DC 24 V
Output voltage	AC to 230 V DC to 120 V
Output current Total current of the outputs (per group) max.	5 A
Electrically isolated (from backplane bus)	Yes (optocoupler)
Switching frequency of the outputs · Under resistive load max. · Under inductive load max. · Under lamp load max. · Mechanical max.	2 Hz 0.5 Hz 2 Hz 10 Hz
Switching capacity of the contacts · Under resistive load max. · Under inductive load max.	8 A (AC 230 V) 8 A (DC 24 V) 3 A (AC 230 V) 2 A (DC 24 V)
Switching cycles of the contacts · Under mechanical load · Under resistive load	10 million 5 A, 0.2 million
Front connector	40-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

ORDERING DATA

DEA 300, digital output module 8 outputs, relay, 5 A, quenching circuit	700-322-1HF20
DEA 300 Manual, German/English	900-321-1DE11

ORDER NO.



Digital input module, 120/230 V

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T4 including Class I Zone 2 IIC.

TECHNICAL DATA

	700-321-1FH00	700-321-1EL00
Number of inputs	16	32
Electrically isolated (from backplane bus)	Yes (optocoupler)	Yes (optocoupler)
in groups to	4	8
Input voltage		
· Rated value	120/230 V AC	120 V AC
(all input voltages must have the same phase)		
· For signal "0"	0 ... 40 V	0 ... 20 V
· For signal "1"	79 ... 264 V	74 ... 132 V
· Frequency range	47 ... 63 Hz	47 ... 63 Hz
Input current for signal "1"		
· 120 V, 60 Hz typ.	8 mA	22 mA
· 230 V, 50 Hz typ.	13 mA	—
Delay time		
· From "0" to "1" typ.	25 ms	15 ms
· From "1" to "0" typ.	25 ms	25 ms
Cable length		
· Unshielded max.	600 m	600 m
· Shielded max.	1000 m	1000 m
Internal current draw typ.	30 mA	16 mA
Power dissipation of the module typ.	4.5 W	5.8 W
Front connector	20-pin	40-pin
Ambient temperature	0 °C ... +60 °C	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C	-25 °C ... +75 °C

ORDERING DATA

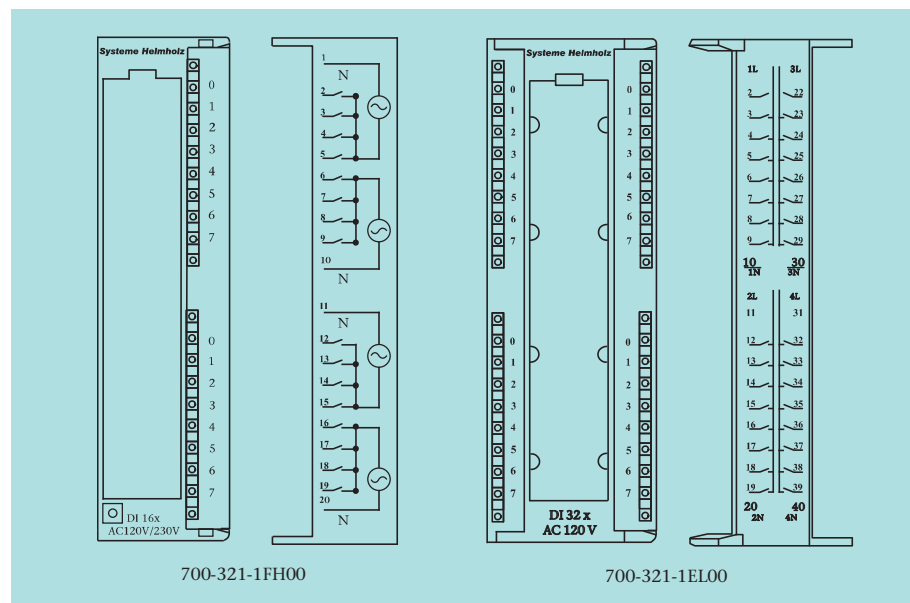
DEA 300, digital input module
16 inputs, AC 120 V/230 V
32 inputs, AC 120 V

DEA 300 Manual, German/English

ORDER NO.

700-321-1FH00
700-321-1EL00

900-321-1DE11



AEA 300, analog input module for connecting current transmitters



Analog input module, current transmitter

The analog input module is suitable for connection of current transmitters in the range up to ± 20 mA. The signal lines are connected to the corresponding front connectors and can be marked in the label field. The modules can be fully parameterized with the hardware configurator of the programming software. A hardware configuration is not necessary (no measuring range module).

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

ORDERING DATA

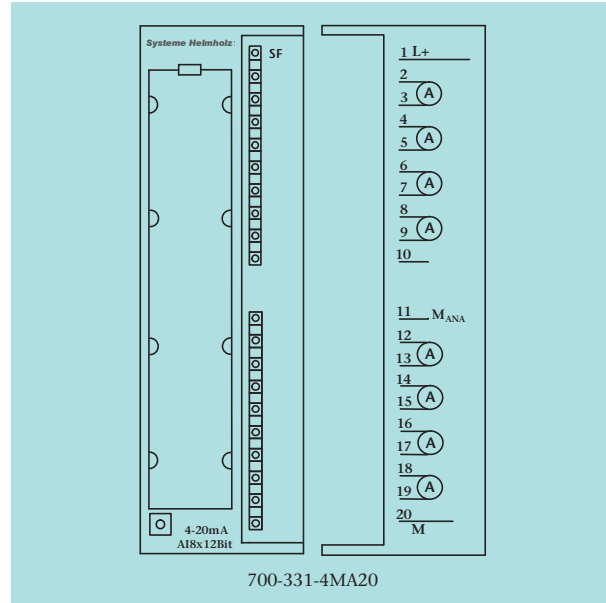
AEA 300, analog input module
8 current inputs, for connection
of current transmitters, 4–20 mA

AEA 300 Manual, German/English

ORDER NO.

700-331-4MA20

900-331-0AA01

**TECHNICAL DATA**

Number of inputs	8
Alarms · Limit alarm · Diagnostic alarm	Parameterizable Parameterizable for channels 0 and 2
Diagnostics	Red LED for group error indicator
Load voltage L+/L-	DC 24 V
Reverse polarity protection	Yes
Input ranges · Current, 4 DMU · Current, 2 DMU	± 3.2 mA/25 Ω ± 10 mA/25 Ω 0 ... 20 mA/25 Ω 4 ... 20 mA/25 Ω ± 20 mA/25 Ω 4 ... 20 mA/25 Ω
Permissible input current for current input	Max. 40 mA
Electrically isolated from backplane bus	Yes
Conversion time/resolution (per channel) · Integration time · Noise suppression for interference frequency · Resolution (VZ = sign) (depending on the integration time)	2.5/16.6/20/100 ms 400/60/50/10 Hz 9 + VZ / 12 + VZ / 12 + VZ / 14 + VZ bit
Operational limit	max. ± 0.6 %
Basic error limit at 25 °C	max. ± 0.5 %
Cable length (shielded)	200 m
Current draw · Internal (from backplane bus) · External (L+)	typ. 120 mA max. 200 mA
Power dissipation	typ. 1.8 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C



Analog input module, voltage transmitter

The analog input module is suitable for connection of voltage transmitters in the range up to ± 10 V. The signal lines are connected to the corresponding front connectors and can be marked in the label field. The modules can be fully parameterized with the hardware configurator of the programming software. A hardware configuration is not necessary (no measuring range module).

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

ORDERING DATA

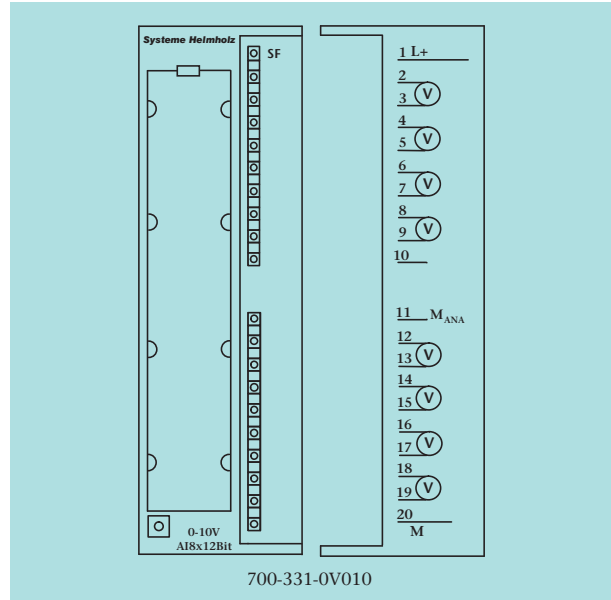
AEA 300, analog input module
8 voltage inputs, for connection
voltage transmitters, 0–10 V

AEA 300 Manual, German/English

ORDER NO.

700-331-0V010

900-331-0AA01

**TECHNICAL DATA**

Number of inputs	8
Alarms · Limit alarm · Diagnostic alarm	Parameterizable Parameterizable for channels 0 and 2
Diagnostics	Red LED for group error indicator
Load voltage L+/L-	DC 24 V
Reverse polarity protection	Yes
Input ranges Voltage/input resistance	± 80 mV/10 M Ω ± 250 mV/10 M Ω ± 500 mV/10 M Ω ± 1 V/10 M Ω ± 2.5 V/100 k Ω ± 5 V/100 k Ω 1 ... 5 V/100 k Ω ± 10 V/100 k Ω
Permissible input voltage for voltage input	max. 20 V
Electrically isolated from backplane bus	Yes
Conversion time / resolution (per channel) · Integration time · Noise suppression for interference frequency · Resolution (VZ = sign) (depending on the integration time)	2.5/16.6/20/100 ms 400/60/50/10 Hz 9 + VZ / 12 + VZ / 12 + VZ / 14 + VZ bit
Operational limit	max. ± 0.6 %
Basic error limit at 25 °C	max. ± 0.5 %
Cable length (shielded)	max. 200 m (50 m at ± 80 mV)
Current draw · Internal (from backplane bus) · External (L+)	typ. 120 mA max. 200 mA
Power dissipation	typ. 1.8 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

AEA 300, analog input module for connecting resistance thermometers



Analog input module, resistance thermometer

The analog input module is suitable for connection of Pt100/ Ni100 sensors and resistors. The signal lines are connected to the corresponding front connectors and can be marked in the label field. The modules can be fully parameterized with the hardware configurator of the programming software. A hardware configuration is not necessary (no measuring range module).

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

ORDERING DATA

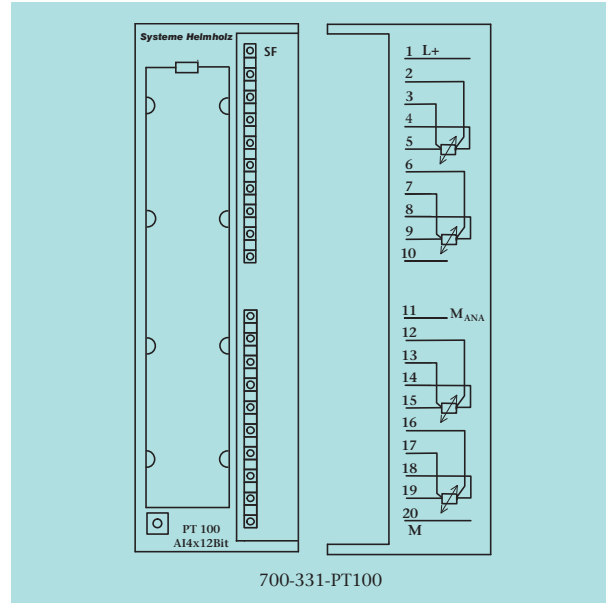
AEA 300, analog input module
4 inputs, Pt100/Ni100 for connection of
resistance thermometers

AEA 300 Manual, German/English

ORDER NO.

700-331-PT100

900-331-0AA01

**TECHNICAL DATA**

Number of inputs	4
Alarms	
· Limit alarm	Parameterizable
· Diagnostic alarm	Parameterizable for channels 0 and 2
Diagnostics	Red LED for group error indicator
Load voltage L+/L-	DC 24 V
Reverse polarity protection	Yes
Input resistance	10 MΩ
Resistance thermometer	Pt100, Ni100 (Standard and climate range)
Resistance measuring range	150, 300, 600 Ω
Connection of signal sensors	2-, 3-, or 4-wire Connector
Electrically isolated from backplane bus	Yes
Conversion time / resolution (per channel)	
· Integration time	2.5/16.6/20/100 ms
· Noise suppression for interference frequency	400/60/50/10 Hz
· Resolution (VZ = sign) (depending on the integration time)	9 + VZ/12 + VZ/12 + VZ/14 + VZ bit
Operational limit	max. ±0.6 %
Basic error limit at 25 °C	max. ±0.5 %
Cable length (shielded)	max. 200 m
Current draw	
· Internal (from backplane bus)	typ. 120 mA
· External (L+)	max. 200 mA
Power dissipation	typ. 1.8 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

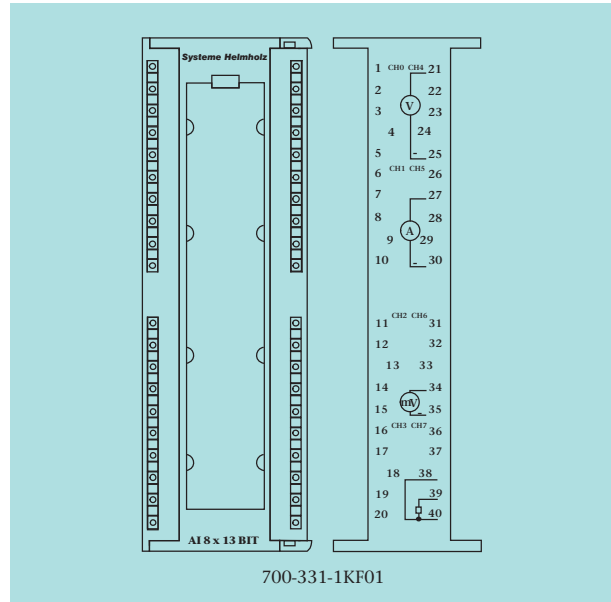


Analog input module, 8-channel, current transmitter, voltage transmitter, resistors, and resistance thermometers

The analog input module is suitable for connection of current transmitters in the range up to ± 20 mA, voltage transmitters in the range up to ± 10 V, Pt100/Ni100 sensors, and resistors. All inputs can be programmed either as voltage or current inputs for Pt100/Ni100 sensors and resistors, freely selectable in their combination. The signal lines are connected to the corresponding front connectors and can be marked in the label field. The modules can be fully parameterized with the hardware configurator of the programming software. A hardware configuration is not necessary (no measuring range module).

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Example assignment

TECHNICAL DATA

Number of inputs	8
Measuring ranges	
· Voltage	± 50 mV, ± 500 mV, ± 1 V, ± 5 V, ± 10 V, 1 ... 5 V, 0 ... 10 V
· Current	± 20 mA, 0 ... 20 mA, 4 ... 20 mA
· Resistance	0 ... 6 k Ω , 0 ... 600 Ω
· Resistance thermometer (standard and climate)	Pt100, Ni100, Ni1000, LG-Ni1000
Resolution incl. override range	13 bits
Error limits	
Basic error limit	at 25 °C
· Voltage input	± 0.4 %
· Current input	± 0.4 %
· Resistance	± 0.4 %
· Resistance thermometer	± 0.8 K Pt100 standard, ± 1 K
Operational error limit	
· Current input	In the entire temperature range ± 0.6 %
· Resistance	± 0.6 %
· Resistance thermometer	± 1 K; Pt100, Ni100 standard ± 1.2 K
· Voltage input	± 0.6 %
Voltage supply	
Rated voltage	DC 5 V via backplane bus
Current draw	Typ. 160 mA at 5 V (from backplane bus)
Power dissipation	Approx. 0.8 W
Front connector	40-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

ORDERING DATA

AEA 300, analog input module
8 inputs, for connection of current, voltage transmitters, resistors

AEA 300 Manual, German/English

ORDER NO.

700-331-1KF01

900-331-0AA01

AEA 300, analog output module; 4-channel



Analog output module, 4-channel

The analog output module is suitable for connection of analog actuators for voltage and current outputs in the range up to ± 10 V or ± 20 mA.

The signal lines are connected to the corresponding front connectors and can be marked in the label field.

The modules are fully configured with the programming software.

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

ORDERING DATA

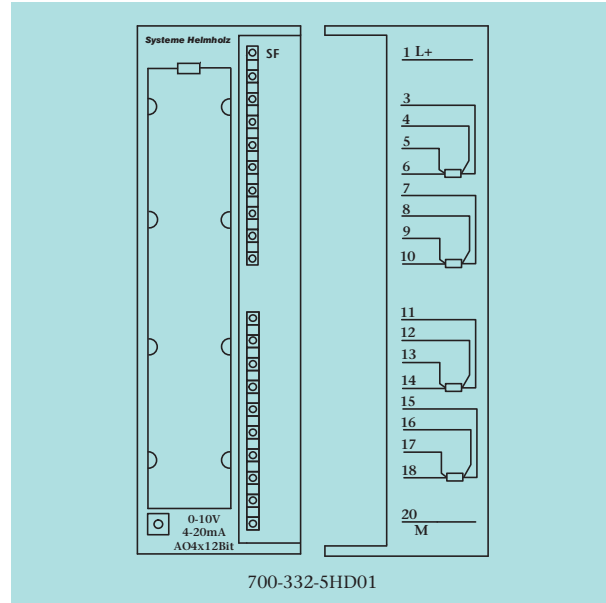
AEA 300, analog output module
4-channel, 4 outputs for connection
of analog actuators, 0–10 V/4–20 mA

AEA 300 Manual, German/English

ORDER NO.

700-332-5HD01

900-331-0AA01

**TECHNICAL DATA**

Number of outputs	4
Diagnostic alarm	Yes, parameterizable
Diagnostics	Red LED for group error indicator
Load voltage	DC 24 V
Output ranges	
· Voltage outputs	0 ... 10 V; ± 10 V; 1 ... 5 V
· Current outputs	4 ... 20 mA; ± 20 mA; 0 ... 20 mA
Load resistance	
· With voltage outputs	min. 1 k Ω
· With current outputs	max. 500 Ω
· Under capacitive load	max. 1 μ F
· Under inductive load	max. 10 mH
Voltage output	
· Short-circuit protection	Yes
· Short-circuit current	max. 25 mA
Current output	
· No-load voltage	max. 18 V
Electrically isolated from backplane bus	Yes
Operational error limit (0...60°C, relative to output range)	
· Voltage	± 0.5 %
· Current	± 0.6 %
Basic error limit (Operational limit at 25 °C, relative to output range)	
· Voltage	± 0.4 %
· Current	± 0.5 %
Cable length (shielded)	max. 200 m
Current draw	
· Internal (from backplane bus)	typ. 100 mA
· Externally, without load	max. 240 mA
Power dissipation	typ. 3 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C



Analog output module, 2-channel

The analog output module is suitable for connection of analog actuators for voltage and current outputs in the range up to ± 10 V or ± 20 mA.

The signal lines are connected to the corresponding front connectors and can be marked in the label field.

The modules are fully configured with the programming software.

Accessories note

Front connectors and preassembled cables are available as accessories (see pages 106-109).



Open-type programmable controllers for use in hazardous locations, Class I, Div. 2 Groups A, B, C, D T6 including Class I Zone 2 IIC.

ORDERING DATA

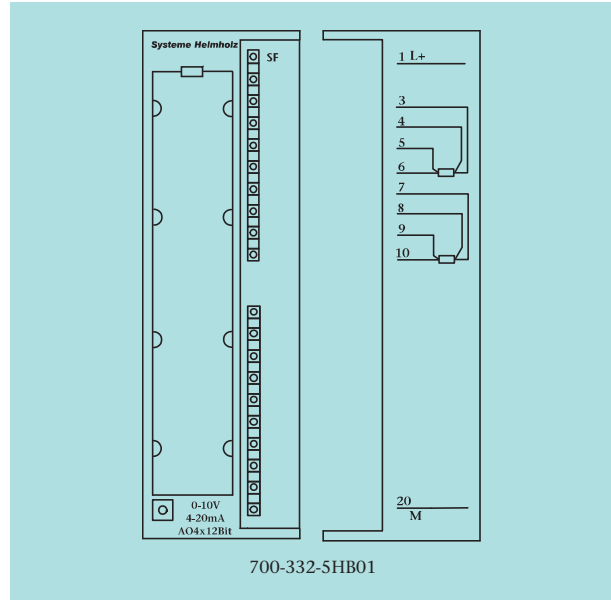
AEA 300, analog output module
2-channel, 2 outputs for connection
of analog actuators, 0–10 V/4–20 mA

AEA 300 Manual, German/English

ORDER NO.

700-332-5HB01

900-331-0AA01



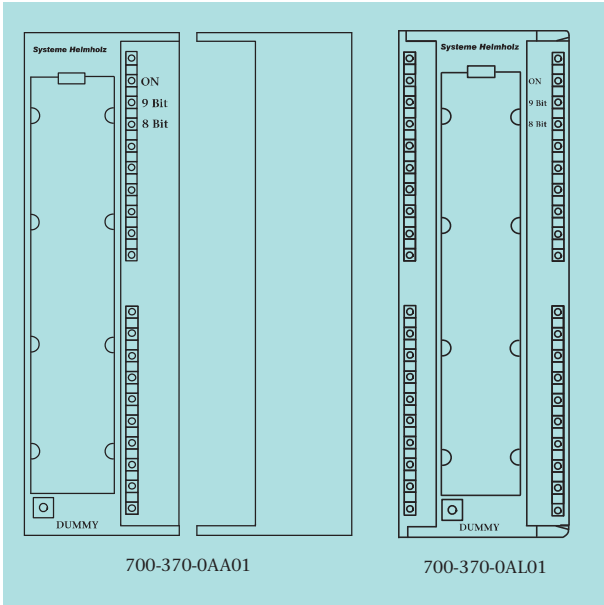
TECHNICAL DATA

Number of outputs	2
Diagnostic alarm	Yes, parameterizable
Diagnostics	Red LED for group error indicator
Load voltage	DC 24 V
Output ranges	
· Voltage outputs	0 ... 10 V; ± 10 V; 1 ... 5 V
· Current outputs	4 ... 20 mA; ± 20 mA; 0 ... 20 mA
Load resistance	
· With voltage outputs	min. 1 k Ω
· With current outputs	max. 500 Ω
· Under capacitive load	max. 1 μ F
· Under inductive load	max. 10 mH
Voltage output	
· Short-circuit protection	Yes
· Short-circuit current	max. 25 mA
Current output	
· No-load voltage	max. 18 V
Electrically isolated from backplane bus	Yes
Operational error limit (0...60°C, relative to output range)	
· Voltage	± 0.5 %
· Current	± 0.6 %
Basic error limit (Operational limit at 25 °C, relative to output range)	
· Voltage	± 0.4 %
· Current	± 0.5 %
Cable length (shielded)	max. 200 m
Current draw	
· Internal (from backplane bus)	typ. 100 mA
· Externally, without load	max. 240 mA
Power dissipation	typ. 3 W
Front connector	20-pin
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C



Dummymodule

The dummymodule is suitable for reserving slots for non-parameterized signal modules. It maintains structure and address assignments for when signal modules are changed out. The dummymodule is available for 20-pin or 40-pin front connectors.

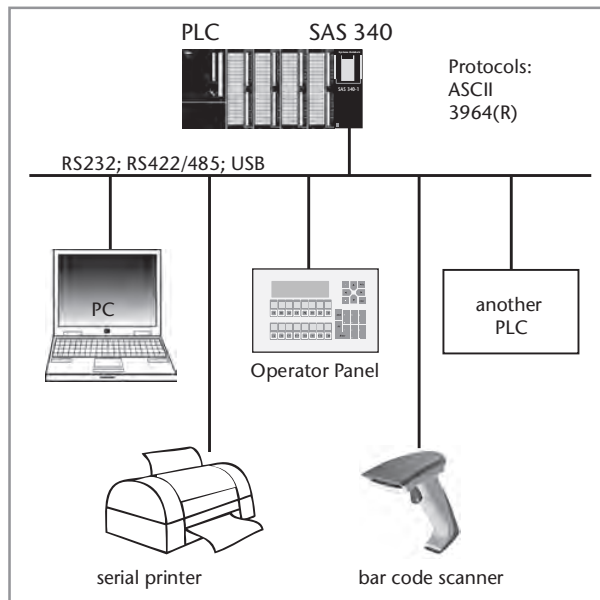


ORDERING DATA	ORDER NO.
Dummymodule, 20-pin	700-370-0AA01
Dummymodule, 40-pin	700-370-0AL01
DEA 300 Manual, German/English	900-321-1DE11

TECHNICAL DATA	
Current draw	
Internal	5 mA
Power dissipation (nominal operation) typ.	0.03 W
Front connector	–
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C



SAS 340, communication module



Application example for SAS 340

The SAS 340 is a serial communication module for use in S7-300¹ systems. It allows the connection to the PLC of serial devices such as barcode scanners, operator terminals, serial printers, PCs, PLCs of other manufacturers and supports the protocols ASCII and 3964R.

Serial devices can be connected with RS232 or RS422/RS485. The 9-pin Sub-D socket (15-pin with RS422/485) with standard pin assignment is provided for connecting the partner devices.

The additional USB device interface enables the connection of the PLC to PC systems, many of which have no conventional physical port. A virtual COM port driver enables the use of software that expects a COM interface.

The SAS 340 features advanced functions such as support for higher baud rates up to 115 kBaud, making it flexible without any loss of compatibility.

The handling blocks supplied enable simple and flexible integration into the PLC. The module is parameterized in the hardware configurator of the PLC. Advanced functionalities (such as higher baud rates) can be activated easily with the handling blocks.

Note

To enable high integration density in the control cabinet, the SAS 340 is also available with 2 serial interfaces. Both interfaces can be configured independently and used in the PLC.

ORDERING DATA

SAS 340-1, 1 x RS232, 1 x USB
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R

SAS 340-1, 1 x RS422/RS485
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R

SAS 340-2, 2 x RS232, 2 x USB
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R

SAS 340-2, 2 x RS422/RS485
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R

SAS 340 Manual, German/English

ORDER NO.

700-340-1AH02

700-340-1CH02

700-340-2AH02

700-340-2CH02

900-340-1XH02

TECHNICAL DATA

Dimensions in mm (D x W x H)	116 x 40 x 125
Weight	Approx. 280 g
Power supply	
Voltage	DC +5 V via backplane bus
Current draw	typ. 160 mA max. 190 mA
Interface	
Type	V.24 (RS232) RS422/RS485 (X27) USB
Transmission rate	300 Baud ... 115 kBaud
Protocol	ASCII 3964(R)
Connector	Connector, SUB-D, 9-pin; 15-pin (RS422/485)
Status indicator	6 LEDs
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

1) S7-300 is a registered trademark of Siemens AG.

SAS 341, serial communication module



SAS 341, communication module

The SAS 341 is a serial communication module for use in S7-300¹ systems. It allows the connection to the PLC of serial devices such as barcode scanners, operator terminals, serial printers, PCs, PLCs of other manufacturers and supports the protocols ASCII, 3964R, and RK512.

Serial devices can be connected with RS232 or RS422/RS485. The 9-pin Sub-D socket (15-pin with RS422/485) with standard pin assignment is provided for connecting the partner devices.

The additional USB device interface enables the connection of the PLC to PC systems, many of which have no conventional physical port. A virtual COM port driver enables the use of software that expects a COM interface.

The SAS 341 features advanced functions such as support for higher baud rates up to 115 kBaud, making it flexible without any loss of compatibility.

The coupling of different PLC types to the S7-300¹ can be flexibly implemented using the standardized RK512 computer coupling protocol.

The handling blocks supplied enable simple and flexible integration into the PLC. The module is parameterized in the hardware configurator of the PLC.

ORDERING DATA

SAS 341-1, 1 x RS232, 1 x USB
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R, RK512, and loadable
drivers (MMC)

SAS 341-1, 1 x RS422/RS485
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R, RK512, and loadable
drivers (MMC)

SAS 341-2, 2 x RS232, 2 x USB
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R, RK512, and loadable
drivers (MMC)

SAS 341-2, 2 x RS422/RS485
incl. CD with handling blocks and manual;
protocols: ASCII, 3964R, RK512, and loadable
drivers (MMC)

SAS 341 Manual, German/English

ORDER NO.

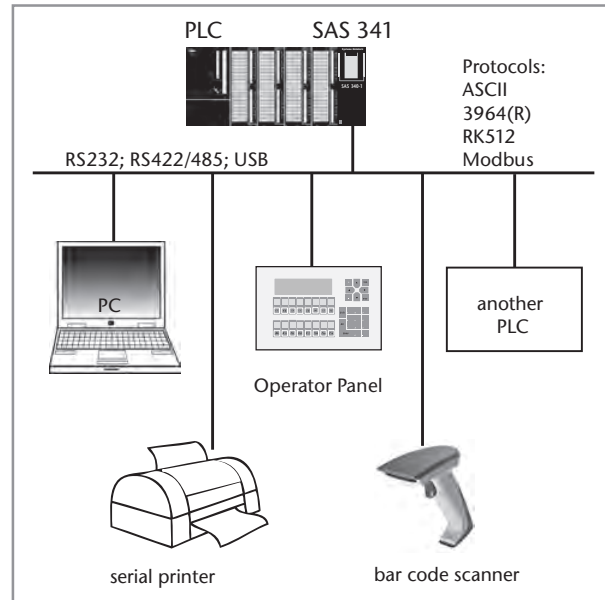
700-341-1AH02

700-341-1CH02

700-341-2AH02

700-341-2CH02

900-341-1XH02



Application example for SAS 341

Note

To enable high integration density in the control cabinet, the SAS 341 is also available with 2 serial interfaces.

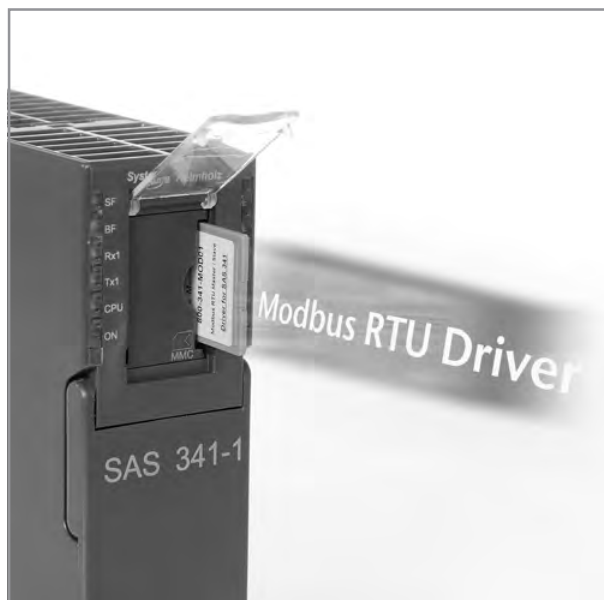
Both interfaces can be configured independently and used in the PLC.

Do you need a specific protocol for your device? Ask us!

TECHNICAL DATA

Dimensions in mm (D x W x H)	116 x 40 x 125
Weight	Approx. 280 g
Power supply	
Voltage	DC +5 V via backplane bus
Current draw	typ. 160 mA max. 190 mA
Interface	
Type	V.24 (RS232) RS422/RS485 (X27) USB
Transmission rate	300 Baud ... 115 kBaud
Protocol	ASCII 3964(R) RK512 Modbus master/save
Connector	Connector, SUB-D, 9-pin; 15-pin (RS422/485)
Status indicator	6 LEDs
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

1) S7-300 is a registered trademark of Siemens AG.



SAS 341-1 with Modbus RTU driver

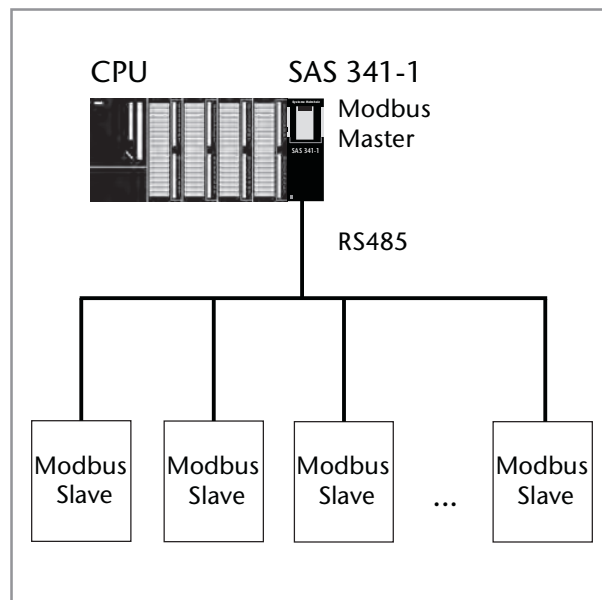
The driver add-on “Modbus Master/Slave” enables communication with Modbus RTU-compatible devices. With this driver, the SAS 341 can operate either as a Modbus RTU master or Modbus RTU slave.

The driver is used for the SAS 341-1 with RS232 interface (700-341-1AH02) or for the SAS 341-1 with RS485 interface (700-341-1CH02).

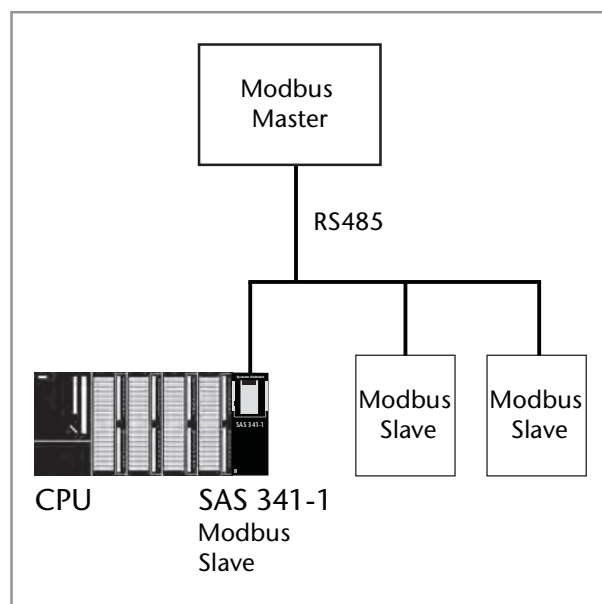
With the RS232 interface, a point-to-point operation is possible, and with the RS485 interface, up to 32 participants can be addressed using the 2-wire half-duplex method.

In the communication with other systems, the Modbus RTU function codes 01, 02, 03, 04, 05, 06, 07, 08, 11, 12, 15, and 16 are supported.

The data exchange with the S7-CPU is in blocks in the supplied function blocks.



SAS 341-1 as Modbus master



SAS 341-1 as Modbus slave

ORDERING DATA

Modbus master/slave driver for SAS 341-1
(on Micro Memory Card, can only be used in
SAS 341-1 modules)

SAS 341 Manual, Modbus driver German/
English

ORDER NO.

800-341-
MOD01

900-341-
MOD01

EIB 300, communication module for twisted-pair EIB/KNX



EIB 300, communication module for twisted-pair EIB/KNX

The EIB 300 is a communication module for use in S7-300¹ systems. It enables the connection of an EIB / KNX bus to the PLC, with the bus being placed directly on the module.

Through the possibilities of PLC programming, complex control and monitoring functions can be easily implemented on the EIB/KNX bus.

In “object mode,” the EIB 300 is an active participant on the EIB/KNX bus with up to 240 objects, with all object types from 1 bit to 4-byte data size being supported.

The current object values in the PLC are mapped in a data block and exchanged with each PLC cycle. In this way the changes on the EIB side are transferred to the PLC, and values changed in the PLC are transferred to the EIB/KNX bus. In addition, “event” and “control flags” allow influence to be taken on the communication behavior in a targeted manner.

The configuration of the EIB 300 is in the PLC as a CP module. The handling blocks included in the scope of delivery enable easy integration of the EIB 300 into the PLC program. The EIB 300 is integrated as a new device in the ETS² software with a supplied sample project. In object mode, objects organized in various profiles can be configured and adapted to the respective application. Six colored LEDs indicate the current operating status of the EIB 300 and the EIB/KNX bus. The built-in USB interface is provided for firmware updates and more in-depth diagnosis.

FEATURES

- Access to the EIB / KNX bus directly from the PLC
- Implementation of complex control and monitoring functions through PLC programming
- Configurable object operation with up to 240 objects
- Easy integration and handling
- ETS²3 and ETS²4 are supported

TECHNICAL DATA

Dimensions in mm (D x W x H)		116 x 40 x 125
Weight		Approx. 280 g
Power supply		
Voltage		DC +5 V via backplane bus
Current draw	typ. max.	160 mA 190 mA
Interface		
Type		Twisted-pair EIB/KNX
Transmission rate		9600 Baud
Protocol		EIB/KNX; up to 240 objects
Connector		2-pin
Status indicator		6 LEDs
Ambient temperature		0 °C ... +60 °C
Transport and storage temperature		-25 °C ... +75 °C

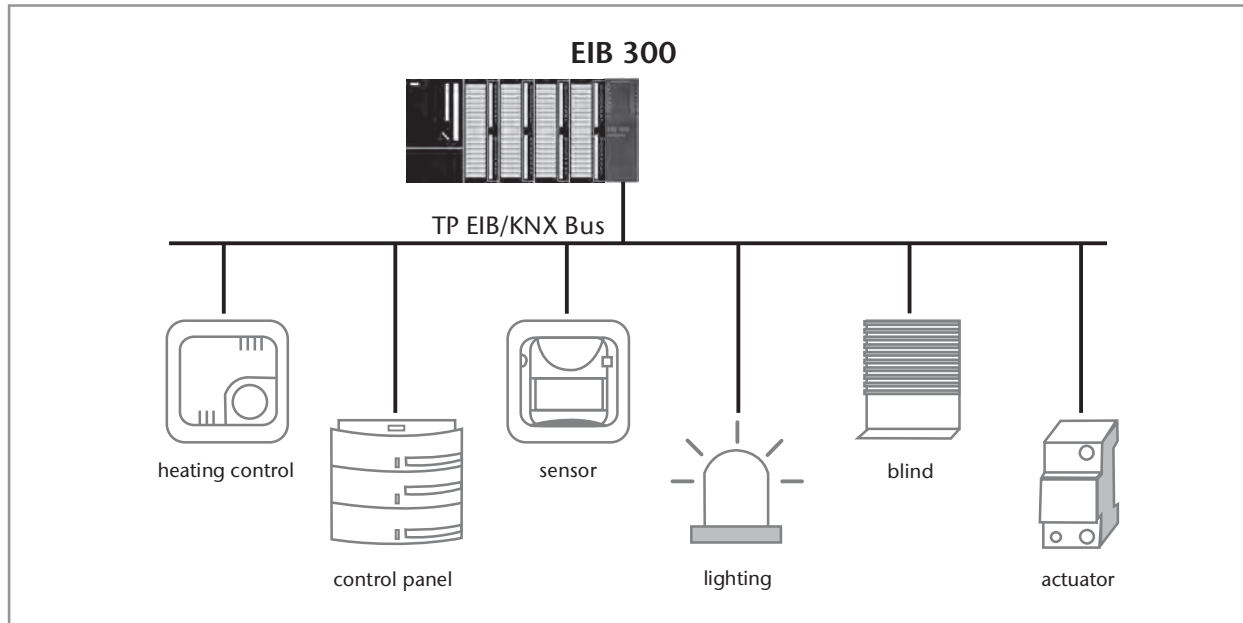
ORDERING DATA

ORDER NO.

EIB 300, communication module for Twisted Pair-EIB/KNX	700-820-EIB01
EIB 300 Manual, German/English	900-820-EIB01

1) S7-300 is a registered trademark of Siemens AG.

2) ETS is a registered trademark of the KNX Association.



Application example EIB 300

ETS3 - Buildings in Helmholz

File Edit View Commissioning Diagnostics Extras Window Help

Buildings in Helmholz

PLC cabinet EIB/KNX

- 1.1.26 Ventilation conference room - Analogizator 4fach
- 1.1.199 EIB 300 module - Central PLC EIB 300
 - 0: 0 - Tx Object 0
 - 1: 0 - Tx Object 1
 - 2: 0 - Tx Object 2
 - 3: 0 - Tx Object 3
 - 4: 0 - Tx Object 4
 - 5: 0 - Tx Object 5
 - 6: 0 - Tx Object 6
 - 7: 0 - Tx Object 7
 - 8: 0 - Tx Object 8
 - 9: 0 - Tx Object 9
 - 10: 0 - Tx Object 10
 - 11: 0 - Tx Object 11
 - 12: 0 - Tx Object 12
 - 13: 0 - Tx Object 13
 - 14: 0 - Tx Object 14
 - 15: 0 - Tx Object 15
 - 16: 0 - Tx Object 16
 - 17: 0 - Tx Object 17

Number	Name	Object Function	Description	Group Ad...	Length	C	R	W	T	U	Data Typ
209	0	Tx Object 209		13/0/36	2 Byte	C	-	W	T	-	
210	0	Tx Object 210		13/0/69	2 Byte	C	-	W	T	-	
211	0	Tx Object 211		13/1/0	2 Byte	C	-	W	T	-	
212	Rx Object 212	2 Input Bytes @ D8B90-91		1/6/0	2 Byte	C	-	W	T	U	2 byte flo.
213	Rx Object 213	2 Input Bytes @ D8B92-93		1/7/1	2 Byte	C	-	W	T	U	2 byte flo.
214	Rx Object 214	2 Input Bytes @ D8B94-95		1/5/10	2 Byte	C	-	W	T	U	2 byte flo.
215	Rx Object 215	2 Input Bytes @ D8B96-97		1/5/20	2 Byte	C	-	W	T	U	2 byte flo.
216	Rx Object 216	2 Input Bytes @ D8B98-99		4/0/0	2 Byte	C	-	W	T	U	2 byte flo.
217	Rx Object 217	2 Input Bytes @ D8B100-101		4/0/1	2 Byte	C	-	W	T	U	2 byte flo.
218	Rx Object 218	2 Input Bytes @ D8B102-103		4/0/2	2 Byte	C	-	W	T	U	2 byte flo.
219	Rx Object 219	2 Input Bytes @ D8B104-105		4/0/3	2 Byte	C	-	W	T	U	2 byte flo.
220	Rx Object 220	2 Input Bytes @ D8B106-107		4/0/4	2 Byte	C	-	W	T	U	2 byte flo.
221	Rx Object 221	2 Input Bytes @ D8B108-109		4/0/5	2 Byte	C	-	W	T	U	2 byte flo.
222	0	Tx Object 222		4/1/0	3 Byte	C	R	-	-	-	
223	0	Tx Object 223		4/1/1	3 Byte	C	R	-	-	-	
224	0	Tx Object 224		15/1/2	4 Byte	C	-	W	T	-	4 byte flo.
225	0	Tx Object 225		15/1/3	4 Byte	C	-	W	T	-	4 byte sig
226	Rx Object 226	4 Input Bytes @ D8B124-127		15/1/3	4 Byte	C	-	W	T	U	

Group Addresses in Helmholz

Object	Device	Sending	C	R	W	T	U	Product
153: Ausgang 12 - Schalten	1.1.27 Halle HV A1.1 Schalt-/Jalousieaktor 16-/8fach 16A REG	S	C	R	W	-	-	Schalt-/Jalousieakt
36: Ausgang 2 - Schalten	1.1.44 Halle HV A1.3 Schaltaktor 8fach 16A C-Last REG	S	C	-	W	-	-	Schaltaktor 8fach
62: Ausgang 5 - Schalten	1.1.181 EG UV1 A2.2 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
166: Ausgang 7 - Schalten	1.1.180 EG UV1 A2.1 Schaltaktor 8fach 16A C-Last REG	S	C	-	W	-	-	Schaltaktor 8fach
192: Ausgang 8 - Schalten	1.1.180 EG UV1 A2.1 Schaltaktor 8fach 16A C-Last REG	S	C	-	W	-	-	Schaltaktor 8fach
36: Ausgang 2 - Schalten	1.1.180 EG UV1 A2.1 Schaltaktor 8fach 16A C-Last REG	S	C	-	W	-	-	Schaltaktor 8fach
10: Ausgang 1 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
23: Ausgang 2 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
88: Ausgang 7 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
36: Ausgang 3 - Schalten	1.1.173 UV 10G A3.3 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
88: Ausgang 7 - Schalten	1.1.173 UV 10G A3.3 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
101: Ausgang 8 - Schalten	1.1.173 UV 10G A3.3 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
114: Ausgang 9 - Schalten	1.1.170 UV 10G A3.1 Schalt-/Jalousieaktor 16-/8fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
10: Ausgang 1 - Schalten	1.1.181 EG UV1 A2.2 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	R	W	-	-	Schalt-/Jalousieakt
10: Ausgang 1 - Schalten	1.1.180 EG UV1 A2.1 Schaltaktor 8fach 16A C-Last REG	S	C	-	W	-	-	Schaltaktor 8fach
49: Ausgang 4 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
62: Ausgang 5 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt
75: Ausgang 6 - Schalten	1.1.174 UV 10G A3.3.1 Schalt-/Jalousieaktor 8-/4fach 16A REG	S	C	-	W	-	-	Schalt-/Jalousieakt

Ready Serial PE116 - COM1 1.1 0 of 162 selected

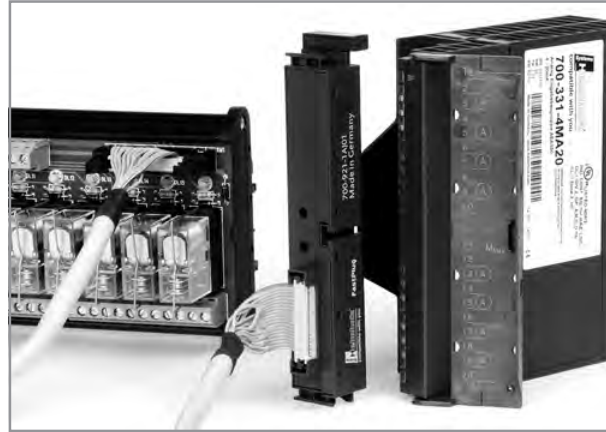
Configuration of the EIB 300 in the ETS3

FastPlug, front adapter for S7 modules



FastPlug, front adapter for S7 modules

The FastPlug front adapters are used for screwing and snapping onto 16 or 32-bit S7 input/output modules. The effort required for wiring is very low. Through the use of pre-assembled system cables, connection errors are excluded. In this way interface modules / transfer modules can be quickly and safely connected to the S7 controller. The FastPlug front adapters are available in a version for connection to a 16-bit input/output module with a 20-pin ribbon connector, as well as in the version for connection to 32-bit input/output modules with 2 x 20-pin ribbon connectors.



FEATURES

- Front adapter for flat ribbon connector (IDC)
- 20-pin and 40-pin
- Fast, safe, and cost-effective wiring
- Connection errors excluded

ORDERING DATA

Front adapter for DEA/AEA 300
FastPlug 20-way
FastPlug 40-way

Flat round cable, unshielded, 20-pin,
2 ribbon connectors
0.5 m
1.0 m
1.5 m
2.0 m
2.5 m
3.0 m
4.0 m
5.0 m

ORDER NO.

700-921-1AJ01
700-921-1AM01

700-923-2BA50
700-923-2BB00
700-923-2BB50
700-923-2BC00
700-923-2BC50
700-923-2BD00
700-923-2BE00
700-923-2BF00

TECHNICAL DATA

Connector type		FastPlug
700-921-1AJ01		1 x 20-pin ribbon connector
700-921-1AM01		2 x 20-pin ribbon connector
Weight		Approx. 50 g
Dimensions (DxWxH mm)		
700-921-1AJ01		131 x 23 x 31
700-921-1AM01		116 x 22 x 30
Voltage	max.	48 V AC/DC between any connections
Current	max.	600 mA per connection
Ambient temperature		0 °C ... +60 °C
Transport and storage temperature		-25 °C ... +80 °C
Relative humidity	max.	75% at +25 °C



Front connector, 20-pin and 40-pin with screw contacts

Front connector with screw contacts

The 20-pin and 40-pin front connector is designed with proven screw contacts.

They enable simple connection of sensors and actuators to input/output modules. In this way the wiring can be kept when replacing modules.

TECHNICAL DATA

20-terminal front connector	
Connector type	screw contacts
Connectable cables	Flexible, solid
With/without ferrules	0.25 – 1.5 mm ²
Stripping length	6 mm
Max. tightening torque	0.5 Nm
Weight	Approx. 60 g
Current at 60 °C	3 A
Voltage	230 V AC
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +80 °C
Relative humidity max.	75% at +25 °C
40-terminal front connector	
Connector type	screw contacts
Connectable cables	Flexible, solid
With/without ferrules	0.125 – 1.5 mm ²
Stripping length	6–8 mm
Max. tightening torque	0.5 Nm
Weight	Approx. 120 g
Current at 60 °C	3 A
Voltage	230 V AC
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +80 °C
Relative humidity max.	75% at +25 °C

ORDERING DATA

Front connector for DEA/AEA 300
20-pin with screw contacts
40-pin with screw contacts

ORDER NO.

700-392-1AJ10
700-392-1AM01

Front connector, 40-pin with **EasyConnect®** technology**Front connector with EasyConnect® technology**

The 40-pin front connector is manufactured with the patented **EasyConnect®** technology.

Fast wiring of the plug is ensured through opening and closing of the spring-loaded terminal by turning the screw (180° counterclockwise to open, clockwise to close), saving the user both money and installation time. Ferrules are not necessary. Due to the lower design, the front cover of the module can be optimally closed even in the fully wired state.

TECHNICAL DATA

40-terminal front connector	
Connector type	EasyConnect®
Connectable cables	Flexible cables
	0.34 – 1 mm ²
Stripping length	8–10 mm
Weight	Approx. 70 g
Current at 60 °C	3 A
Voltage	230 V AC
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +80 °C
Relative humidity max.	75% at +25 °C

ORDERING DATA

Front connector for DEA/AEA 300
40-pin with **EasyConnect®** technology

ORDER NO.

700-392-1AM10

Front connector with spring-type terminal, front connector with cables



Front connector, 20-pin and 40-pin with spring-type terminal

Front connector with spring-type terminal

The 20-pin and 40-pin front connectors are designed with installation-friendly spring-type terminal. The front connectors enable simple connection of sensors and actuators to input/output modules. In this way the wiring can be kept when replacing modules.



Front connector with cables

Front connector with cables

The front connectors with cables enable simple connection of sensors and actuators to input/output modules. In this way the wiring can be kept when replacing modules.

TECHNICAL DATA

20-terminal front connector	
Connector type	Spring-type terminal
Connectable cables	Flexible, solid 0.34–1.5 mm ²
Stripping length	8 mm
Weight	Approx. 50 g
Current at 60 °C	3 A
Voltage	230 V AC
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +80 °C
Relative humidity	max. 75% at +25 °C
40-terminal front connector	
Connector type	Spring-type terminal
Connectable cables	Flexible, solid 0.34–1.5 mm ²
Stripping length	8 mm
Weight	Approx. 70 g
Current at 60 °C	3 A
Voltage	230 V AC
Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +80 °C
Relative humidity	max. 75% at +25 °C

ORDERING DATA

Front connector for DEA/AEA 300
20-pin with spring-type terminal
40-pin with spring-type terminal

ORDER NO.

700-392-1BJ01
700-392-1BM01

ORDERING DATA

Front connector with cables¹ DEA/AEA 300
with screw contacts, 20-pin, 2 m
with screw contacts, 20-pin, 3 m
with screw contacts, 20-pin, 5 m

Front connector with cables¹ DEA/AEA 300
for **EasyConnect**® connection, 40-pin, 2 m
for **EasyConnect**® connection, 40-pin, 3 m
for **EasyConnect**® connection, 40-pin, 5 m

Front connector with cables¹ DEA/AEA 300
for spring-type terminal, 20-pin, 2 m
for spring-type terminal, 20-pin, 3 m
for spring-type terminal, 20-pin, 5 m

Front connector with cables¹ DEA/AEA 300
for spring-type terminal, 40-pin, 2 m
for spring-type terminal, 40-pin, 3 m
for spring-type terminal, 40-pin, 5 m

ORDER NO.

700-392-1AJ10A
700-392-1AJ10B
700-392-1AJ10C

700-392-1AM10A
700-392-1AM10B
700-392-1AM10C

700-392-1BJ01A
700-392-1BJ01B
700-392-1BJ01C

700-392-1BM01A
700-392-1BM01B
700-392-1BM01C

1) Wires 0.5 mm², blue (RAL 5010); numbers printed as on connector



Mounting rails

For all modules in the 300 and 1500 series, we offer the mechanical module rack in various prefabricated lengths.



Mounting rail adapter for DIN rail

For all communication modules (such as REX 300, DP/DP coupler, TS 300) designed for mounting on the mounting rail, we offer our mounting rail adapter for DIN rail.

ORDERING DATA	ORDER NO.
Mounting rail 300 series	
Length 160 mm	700-390-1AB60
Length 320 mm	700-390-1SO01
Length 482 mm	700-390-1AE80
Length 530 mm	700-390-1AF30
Length 830 mm	700-390-1AJ30
Length 2000 mm	700-390-1BC00
Mounting rail 1500 series	
Length 160 mm	700-590-1AB60
Length 245 mm	700-590-1AC40
Length 482 mm	700-590-1AE80
Length 530 mm	700-590-1AF30
Length 830 mm	700-590-1AJ30
Length 2000 mm	700-590-1BC00

ORDERING DATA	ORDER NO.
Mounting rail adapter for DIN rail	700-390-6BA01