




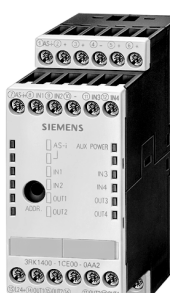
Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

Selection and ordering data

Design	Description	Order No.	Price	Pack	
			1 unit	Unit	
SlimLine S22.5 with screw-type terminals					
	3RK1 200-0CE00-0AA2 4 inputs Standard slaves	4I			
	<ul style="list-style-type: none"> • 2-wire PNP transistor • 2- and 3-wire PNP transistor • 115 V input (AC) • 230 V input (AC) 				
	2 inputs/2 outputs PNP transistor 2-wire Standard slaves	2I/2O	3RK1 400-0BE00-0AA2		1
	2 inputs/2 outputs relay outputs	2I/2OR	3RK1 402-0BE00-0AA2		1
	4 outputs PNP transistor Standard slaves	4O	3RK1 100-1CE00-0AA2		1
	3RK1 100-1CE00-0AA2 4 outputs PNP transistor Standard slaves	4O			
	<ul style="list-style-type: none"> • 2-wire PNP transistor • 2- and 3-wire PNP transistor • 115 V input (AC) • 230 V input (AC) 				
	2 inputs/2 outputs PNP transistor 2-wire Standard slaves	2I/2O	3RK1 400-0BG00-0AA2		1
	2 inputs/2 outputs relay outputs	2I/2OR	3RK1 402-0BG00-0AA2		1
	4 outputs PNP transistor Standard slaves	4O	3RK1 100-1CG00-0AA2		1
SlimLine S22.5 with Cage Clamp terminals					
	3RK1 200-0CG00-0AA2 4 inputs PNP transistor Standard slaves	4I			
	<ul style="list-style-type: none"> • 2-wire PNP transistor • 2- and 3-wire PNP transistor • 115 V input (AC) • 230 V input (AC) 				
	2 inputs/2 outputs PNP transistor 2-wire Standard slaves	2I/2O	3RK1 400-0BG00-0AA2		1
	2 inputs/2 outputs relay outputs	2I/2OR	3RK1 402-0BG00-0AA2		1
	4 outputs PNP transistor Standard slaves	4O	3RK1 100-1CG00-0AA2		1
SlimLine S45 with screw-type terminals					
	3RK1 400-1CE00-0AA2 4 inputs/4 outputs Standard slaves PNP transistor	4I/4O			
	<ul style="list-style-type: none"> • 1 A • 2 A • 1 A, floating I/Os 				
	4 inputs/4 outputs Relay output Standard slaves	4I/4OR	3RK1 402-3CE00-0AA2		1
	<ul style="list-style-type: none"> • 230 V • 115 V input (AC) • 230 V input (AC) 				
	4 inputs/3 outputs 2 A PNP transistor A/B slaves	4I/3O	3RK2 400-1FE00-0AA2		1
	<ul style="list-style-type: none"> • 230 V • 115 V input (AC) • 230 V input (AC) 				
	4 inputs/4 outputs Standard slaves PNP transistor	4I/4O	3RK1 400-1CE00-0AA2		1
	<ul style="list-style-type: none"> • 1 A • 2 A • 1 A, floating I/Os 				
	4 inputs/4 outputs Relay output Standard slaves	4I/4OR	3RK1 402-3CE00-0AA2		1
	<ul style="list-style-type: none"> • 230 V • 115 V input (AC) • 230 V input (AC) 				

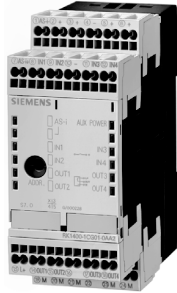


Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)

SlimLine

Selection and ordering data

Design	Description	Order No.	Price	Pack
			1 unit	Unit
SlimLine S45 with Cage Clamp terminals				
	3RK1 400-1CG00-0AA2 4 inputs/4 outputs Standard slaves PNP transistor	4I/4O		
	<ul style="list-style-type: none"> • 1 A 		3RK1 400-1CG00-0AA2	1
	<ul style="list-style-type: none"> • 2 A 		3RK1 400-1CG01-0AA2	1
	<ul style="list-style-type: none"> • 1 A, floating I/Os 		3RK1 402-3CG01-0AA2	1
	4 inputs/4 outputs relay output 230 V	4E/4AR	3RK1 402-3CG00-0AA2	1
4 inputs/ 3 outputs A/B slaves	4E/3A	3RK2 400-1FG00-0AA2	1	

Accessories

Sealable cap for protection against unauthorized addressing (1 packg. = 5 units)	3RP1 902	1 packg.	5
Push-in lugs for screw mounting (1 packg. = 10 units)	3RP1 903	1 packg.	10
SlimLine opening tool for all devices with Cage Clamp terminals up to max. 1.5 mm ² conductor cross-section partly insulated	8WA2 807		1

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Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

Technical data

SlimLine S22.5 with screw-type terminals

	4 inputs			
	2-wire	2- and 3-wire	115 V input (AC)	230 V input (AC)
	PNP transistor	PNP transistor		
	3RK1 200-0CE00-0AA2	3RK1 200-0CE02-0AA2	3RK1 200-0CE00-0AC2	3RK1 200-0CE01-0AC2
Slave type	Standard slaves			
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6			
Total current input in mA	≤ 50	≤ 270	≤ 60	
Input connection	PNP			
Inputs				
• Sensor supply via AS-Interface	Short-circuit and overload-proof		–	
• Voltage range in V	20 ... 30		–	
• Load rating for sensor supply in mA	–	200	–	
• Connection of sensors	2-wire system	2- and 3-wire system	2-wire system	
• Switching level High in V	≥ 10	≥ 10	≥ 79 AC / ≤ 135 AC	≥ 164 AC / ≤ 255 AC
• Input current Low/High in mA	≤ 1.5/≥ 5		≤ 1.5/≥ 6	
I/O configuration	0			
ID/ID2 code	0/F		F/F	
Assignment of data bits				
• Data bit D0	IN1			
• Data bit D1	IN2			
• Data bit D2	IN3			
• Data bit D3	IN4			
AS-Interface certificate	yes		in preparation	
Approvals	UL, CSA, ship building			
Protection	IP 20			
Ambient temperature in °C	–25 ... +85		–25 ... +60	
Storage temperature in °C	–40 ... +85			
Weight in g	150		140	
Displays				
• Inputs/outputs	yellow LED			
• AS-Interface	green LED			
• FAULT	red LED			
Connection	via screw terminal			
Note	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.			



Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)

SlimLine

Technical data

	2 inputs/2 outputs 2-wire		4 outputs
	PNP transistor	Relay outputs	PNP transistor
	3RK1 400-0BE00-0AA2	3RK1 402-0BE00-0AA2	3RK1 100-1CE00-0AA2
Slave type	Standard slaves		
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6		
Total current input in mA	≤ 50		≤40
Input connection	PNP		-
Inputs			
• Sensor supply via AS-Interface	Short-circuit and overload-proof		-
• Voltage range in V	20 ... 30		-
• Load rating for sensor supply in mA	-		
• Connection of sensors	2-wire system		-
• Switching level High in V	≥ 10		-
• Input current Low/High in mA	≤1.5/≥ 5		-
Outputs			
• Type of output	PNP transistor	Relay	Electronics (PNP)
• Current carrying capacity in A	2	-	1
• Short-circuit protection	built-in	external back-up fuse	built-in
• Inductive interference protection	built-in	not applicable	built-in
• Polarity reversal protection	not built-in	not applicable	built-in
• External voltage supply DC 24 V	via screw terminal Terminal 7 = "+" Terminal 10 = "-"	not applicable	via screw terminal Terminal 7 = "+" Terminal 10 = M
• I _{th}	-	6	-
• AC-15	-	3	-
• DC 13 24 V	-	1	-
• DC 13 110 V	-	0.2	-
• DC 13 230 V	-	0,1	-
Watchdog	built-in		
I/O configuration	3		8
ID/ID2 code	0/F		
Assignment of data bits			
• Data bit D0	IN1		OUT1
• Data bit D1	IN2		OUT2
• Data bit D2	OUT1		OUT3
• Data bit D3	OUT2		OUT4
AS-Interface certificate	yes		
Approvals	UL, CSA, ship building		
Protection	IP 20		
Ambient temperature in °C	-25 ... +70		
Storage temperature in °C	-40 ... +85		
Weight in g	150	160	approx. 150
Displays			
• Outputs	yellow LED		
• AS-Interface	green LED		
• Diagnostics	-		red LED
• FAULT	red LED		-
Connection	Screw terminals		
Note	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.		

Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

Technical data

SlimLine S22.5 with Cage Clamp terminals

	4 inputs		2 inputs/2 outputs	
	2-wire	2- and 3-wire	2-wire	Relay outputs
	PNP transistor	PNP transistor	PNP transistor	
	3RK1 200-0CG00-0AA2	3RK1 200-0CG02-0AA2	3RK1 400-0BG00-0AA2	3RK1 402-0BG00-0AA2
Slave type	Standard slaves			
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6			
Total current input in mA	≤ 50	≤ 270	≤ 50	
Input connection	PNP			
Inputs	Short-circuit and overload-proof			
• Sensor supply via AS-Interface	20 ... 30			
• Voltage range in V	–			
• Load rating for sensor supply in mA	–	200	–	–
• Connection of sensors	2-wire system	2- and 3-wire system	2-wire system	–
• Switching level High in V	≥ 10			
• Input current Low/High in mA	≤1.5/≥ 5			
Outputs				
• Type of output	–	–	PNP transistor	Relay floating changeover contact
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)	–	–	2	–
• I _{th}	–	–	–	6
• AC-15	–	–	–	3
• DC 13 24 V	–	–	–	1
• DC 13 110 V	–	–	–	0.2
• DC 13 230 V	–	–	–	0,1
• Short-circuit protection	–	–	built-in	external back-up fuse necessary
• Inductive interference protection	–	–	built-in	not applicable
• Polarity reversal protection	–	–	not built-in	not applicable
• External voltage supply DC 24 V	–	–	via terminals: Terminal 7 = "+" Terminal 10 = "-"	not applicable
• Watchdog	–	–	built-in	–
I/O configuration	0		3	
ID/ID2 code	0/F			
Assignment of data bits				
• Data bit D0	IN1			
• Data bit D1	IN2			
• Data bit D2	IN3		OUT1	
• Data bit D3	IN4		OUT2	
AS-Interface certificate	yes			
Approvals	UL, CSA, ship building			
Protection	IP 20			
Ambient temperature in °C	–25 ... +85		–25 ... +70	
Storage temperature in °C	–40 ... +85			
Weight in g	150			160
Displays				
• Inputs/outputs	yellow LED			
• AS-Interface	green LED			
• FAULT	red LED			
Connection	Cage Clamp terminals			
Conductor cross-sections in mm ²	solid: 2 × (0.25-1.5) finely stranded with end sleeve: 2 × (0.25-1) finely stranded without end sleeve: 2 × (0.25-1.5) AWG conductors, solid or stranded: AWG 2 × (24-16)			
Note 1	Opening tool for Cage Clamp terminals: See accessories			
Note 2	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.			



Technical data

	4 outputs
	PNP transistor
	3RK1 100-1CG00-0AA2
Slave type	Standard slaves
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6
Total current input in mA	≤40
Outputs	
• Type of output	Electronics (PNP)
• Current carrying capacity in A DC 12 / DC 13 typ. (max. 2 A per module)	1
• Short-circuit protection	built-in
• Polarity reversal protection	built-in
• Inductive interference protection	built-in
• External voltage supply DC 24 V	via screw terminal (terminal 7 = "+", terminal 10 = M)
Watchdog	built-in
I/O configuration	8
ID/ID2 code	0/F
Assignment of data bits	
• Data bit D0	OUT1
• Data bit D1	OUT2
• Data bit D2	OUT3
• Data bit D3	OUT4
AS-Interface certificate	yes
Approvals	UL, CSA, ship building
Protection	IP 20
Ambient temperature in °C	-25 ... +70
Storage temperature in °C	-40 ... +85
Weight in g	approx. 150
Displays	
• Outputs	yellow LED
• AS-Interface	green LED
• Diagnostics	red LED
Connection	Cage Clamp terminals
Conductor cross-sections in mm ²	solid: 2 × (0.25-1.5) finely stranded with end sleeve: 2 × (0.25-1) finely stranded without end sleeve: 2 × (0.25-1.5) AWG conductors, solid or stranded: AWG 2 × (24-16)
Note 1	Opening tool for Cage Clamp terminals: See accessories
Note 2	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.

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Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

Technical data

SlimLine S45 with screw-type terminals

	4 inputs/4 outputs PNP transistor		
	1 A 3RK1 400-1CE00-0AA2	2 A 3RK1 400-1CE01-0AA2	1 A, floating 3RK1 402-3CE01-0AA2
Slave type	Standard slaves		
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6		
Total current input in mA	≤ 270		≤ 40
Input connection	PNP		
Inputs			
• Sensor supply via AS-Interface	Short-circuit and overload-proof		
• Voltage range in V	20 ... 30		
• Load rating for sensor supply in mA	200		
• Connection of sensors	2- and 3-wire system		
• Switching level High in V	≥ 10		
• Input current Low/High in mA	≤ 1.5/ ≥ 5		
Outputs			
• Type of output	Electronics		
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)	1	2	1
• I _{th}	-		
• AC-15	-		
• DC 13 24 V	-		
• DC 13 110 V	-		
• DC 13 230 V	-		
• Short-circuit protection	built-in		
• Inductive interference protection	built-in		
• Polarity reversal protection	built-in		
• External voltage supply DC 24 V	Terminal 13 = L24+ Terminal 19 = M24		Sensor supply: Terminal 13 = U _{s+} Terminal 19 = U _{s-} Actuator supply: Terminal 14 = L+ Terminals 20 to 24 = M
Watchdog	built-in		
I/O configuration	7		
ID/ID2 code	0/F		
Assignment of data bits			
• Data bit D0	IN1/OUT1		
• Data bit D1	IN2 /OUT2		
• Data bit D2	IN3/OUT3		
• Data bit D3	IN4/OUT4		
AS-Interface certificate	yes		
Approvals	UL, CSA, ship building		
Protection	IP 20		
Ambient temperature in °C	-25 ... +70		
Storage temperature in °C	-40 ... +85		
Weight in g	approx. 280		
Displays			
• Inputs/outputs	yellow LED		
• AS-Interface	green LED		
• FAULT	red LED		
Connection	via screw terminal		
Note 1	-		The module has four floating inputs and four floating switching outputs. For the input and output circuits, an external additional supply of 20 to 30 V according to VDE 0106 (PELV) safety class III is required.
Note 2	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.		



Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)

SlimLine

Technical data

	4 inputs/4 outputs Relay output		
	230 V	115 V input (AC)	230 V input (AC)
	3RK1 402-3CE00-0AA2	3RK1 402-1CE00-0AC2	3RK1 402-1CE01-0AC2
Slave type	Standard slaves		
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6		
Total current input in mA	≤ 270	≤ 100	
Input connection	PNP		
Inputs			
• Sensor supply via AS-Interface	Short-circuit and overload-proof	–	
• Voltage range in V	20 ... 30	–	
• Load rating for sensor supply in mA	200	–	
• Connection of sensors	2- and 3-wire system	2-wire system	
• Switching level High in V	≥ 10	≥ AC 79 / ≤ AC 135	≥ AC 164 / ≤ AC 255
• Input current Low/High in mA	≤ 1.5/≥ 5	≤ 1.5/≥ 6	
Outputs			
• Type of output	Relay		
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)	–		
• I_{th}	5		
• AC-15	3		
• DC 13 24 V	1		
• DC 13 110 V	0.2		
• DC 13 230 V	0,1		
• Short-circuit protection	external back-up fuse 6 A gL/gG		
• Inductive interference protection	not applicable		
• Polarity reversal protection	–		
• External voltage supply DC 24 V	not applicable		
Watchdog	built-in		
I/O configuration	7		
ID/ID2 code	0/F	F/F	
Assignment of data bits			
• Data bit D0	IN1/OUT1		
• Data bit D1	IN2/OUT2		
• Data bit D2	IN3/OUT3		
• Data bit D3	IN4/OUT4		
AS-Interface certificate	yes	in preparation	
Approvals	UL, CSA, ship building		
Protection	IP 20		
Ambient temperature in °C	–25 ... +70	–25 ... +60	
Storage temperature in °C	–40 ... +85		
Weight in g	approx. 290		
Displays			
• Inputs/outputs	yellow LED		
• AS-Interface	green LED		
• FAULT	red LED		
Connection	via screw terminal		
Note	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.		

Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

Technical data

	4 inputs/ 3 outputs PNP transistor 2 A 3RK2 400-1FE00-0AA2
Slave type	A/B slaves
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6
Total current input in mA	≤ 270
Input connection	PNP
Inputs	
• Sensor supply via AS-Interface	Short-circuit and overload-proof
• Voltage range in V	20 ... 30
• Load rating for sensor supply in mA	200
• Connection of sensors	2- and 3-wire system
• Switching level High in V	≥ 10
• Input current Low/High in mA	≤1.5/≥ 5
Outputs	
• Type of output	Electronics
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)	2
• I_{th}	–
• AC-15	–
• DC 13 24 V	–
• DC 13 110 V	–
• DC 13 230 V	–
• Short-circuit protection	built-in
• Inductive interference protection	built-in
• Polarity reversal protection	built-in
• External voltage supply DC 24 V	Terminal 13 = L24+ Terminal 19 = M24
Watchdog	built-in
I/O configuration	7
ID/ID2 code	A/0
Assignment of data bits	
• Data bit D0	IN1/OUT1
• Data bit D1	IN2/OUT2
• Data bit D2	IN3/OUT3
• Data bit D3	IN4
AS-Interface certificate	in preparation
Approvals	UL, CSA, ship building
Protection	IP 20
Ambient temperature in °C	–25 ... +70
Storage temperature in °C	–40 ... +85
Weight in g	approx. 280
Displays	
• Inputs/outputs	yellow LED
• AS-Interface	green LED
• FAULT	red LED
Connection	via screw terminal
Note	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.



Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)

SlimLine

Technical data

SlimLine S45 with Cage Clamp terminals

	4 inputs/4 outputs PNP transistor		
	1 A	2 A	1 A, floating I/Os
	3RK1 400-1CG00-0AA2	3RK1 400-1CG01-0AA2	3RK1 402-3CG01-0AA2
Slave type	Standard slaves		
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6		
Total current input in mA	≤ 270		≤ 40
Input connection	PNP		
Inputs	Short-circuit and overload-proof		
• Sensor supply via AS-Interface	20 ... 30		
• Voltage range in V	200		
• Load rating for sensor supply in mA	2- and 3-wire system		
• Connection of sensors	≥ 10		
• Switching level High in V	≤ 1.5/≥ 5		
• Input current Low/High in mA			
Outputs	Electronics		
• Type of output	1	2	1
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)			
• I _{th}	-		
• AC-15	-		
• DC 13 24 V	-		
• DC 13 110 V	-		
• DC 13 230 V	-		
• Short-circuit protection	built-in	no (internal fusible link)	built-in
• Inductive interference protection	-		built-in
• Polarity reversal protection	built-in		
• External voltage supply DC 24 V	Terminal 13 = L24+ Terminal 19 = M24		Sensor supply: Terminal 13 = U _{s+} Terminal 19 = U _{s-} Actuator supply: Terminal 14 = L+ Terminals 20 ... 24 = M
Watchdog	built-in		
I/O configuration	7		
ID/ID2 code	0/F		
Assignment of data bits			
• Data bit D0	IN1/OUT1		
• Data bit D1	IN2/OUT2		
• Data bit D2	IN3/OUT3		
• Data bit D3	IN4/OUT4		
AS-Interface certificate	yes		
Approvals	UL, CSA, ship building		
Protection	IP 20		
Ambient temperature in °C	-25 ... +70		
Storage temperature in °C	-40 ... +85		
Weight in g	approx. 280		
Displays			
• Inputs/outputs	yellow LED		
• AS-Interface	green LED		
• FAULT	red LED		
Connection	Cage Clamp terminals		
Conductor cross-sections in mm ²	solid: 2 × (0.25-1.5) finely stranded with end sleeve: 2 × (0.25-1) finely stranded without end sleeve: 2 × (0.25-1.5) AWG conductors, solid or stranded: AWG 2 × (24-16)		
Note 1	Opening tool for Cage Clamp terminals: See accessories		
Note 2	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.		
Note 3	-		The module has four floating inputs and four floating switching outputs. For the input and output circuits, an external additional supply of 20 to 30 V according to VDE 0106 (PELV) safety class III is required.

Actuator-Sensor-Interface

I/O Modules for Operation in the Control Cabinet (IP 20)



SlimLine

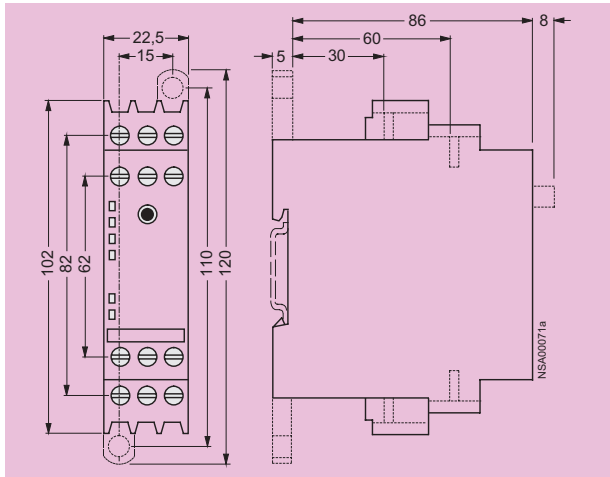
Technical data

	4 inputs/4 outputs	4 inputs/ 3 outputs
	Relay output	
	230 V	
	3RK1 402-3CG00-0AA2	3RK2 400-1FG00-0AA2
Slave type	Standard slaves	A/B slaves
Operational voltage in accordance with AS-Interface specification in V	26.5 ... 31.6	
Total current input in mA	≤ 270	
Input connection	PNP	
Inputs		
• Sensor supply via AS-Interface	Short-circuit and overload-proof	
• Voltage range in V	20 ... 30	
• Load rating for sensor supply in mA	200	
• Connection of sensors	2- and 3-wire system	
• Switching level High in V	≥ 10	
• Input current Low/High in mA	≤ 1.5/≥ 5	
Outputs		
• Type of output	Relay	Electronics
• Current carrying capacity in A DC 12 / DC 13 typ. (total current for all outputs 4 A)	–	2
• I_{th}	5	–
• AC-15	3	–
• DC 13 24 V	1	–
• DC 13 110 V	0.2	–
• DC 13 230 V	0,1	–
• Short-circuit protection	external back-up fuse 6 A gL/gG	built-in
• Inductive interference protection	not applicable	built-in
• Polarity reversal protection	built-in	
• External voltage supply DC 24 V	not applicable	Terminal 13 = L24+ Terminal 19 = M24
Watchdog	built-in	
I/O configuration	7	
ID/ID2 code	0/F	A/E
Assignment of data bits		
• Data bit D0	IN1/OUT1	
• Data bit D1	IN2/OUT2	
• Data bit D2	IN3/OUT3	
• Data bit D3	IN4/OUT4	IN4
AS-Interface certificate	yes	in preparation
Approvals	UL, CSA, ship building	
Protection	IP 20	
Ambient temperature in °C	–25 ... +70	
Storage temperature in °C	–40 ... +85	–
Weight in g	approx. 290	approx. 280
Displays		
• Inputs/outputs	yellow LED	
• AS-Interface	green LED	
• FAULT	red LED	
Connection	Cage Clamp terminals	
Conductor cross-sections in mm ²	solid: 2 × (0.25-1.5) finely stranded with end sleeve: 2 × (0.25-1) finely stranded without end sleeve: 2 × (0.25-1.5) AWG conductors, solid or stranded: AWG 2 × (24-16)	
Note 1	Opening tool for Cage Clamp terminals: See accessories	
Note 2	To supply the output circuit, an external supplementary supply (AUX POWER) of DC 20 to 30 V is necessary. The supplementary supply must comply with VDE 0106 (PELV), safety class III.	

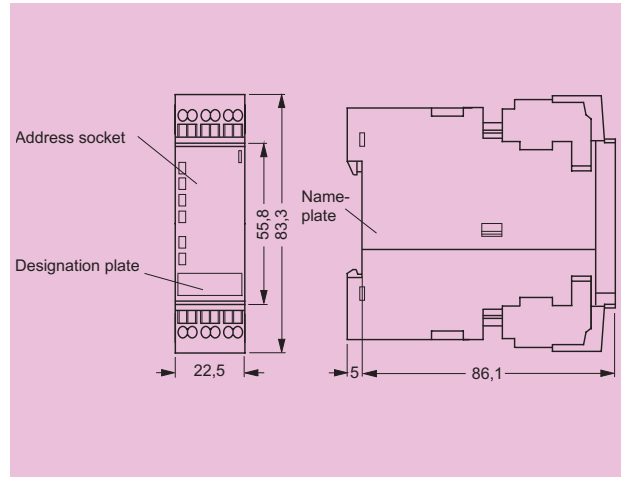


Dimension drawings

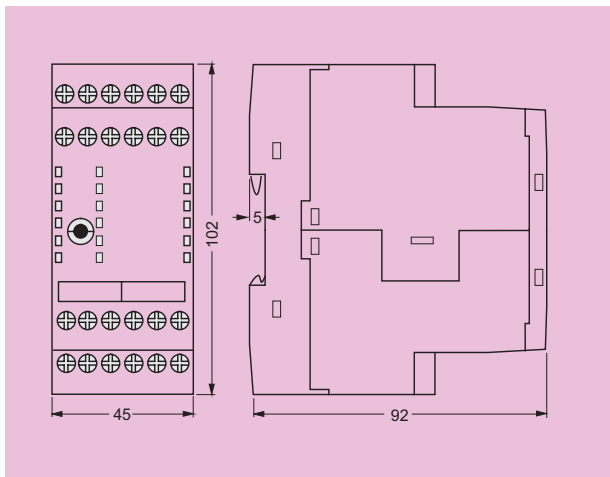
SlimLine S22.5 with screw-type terminals



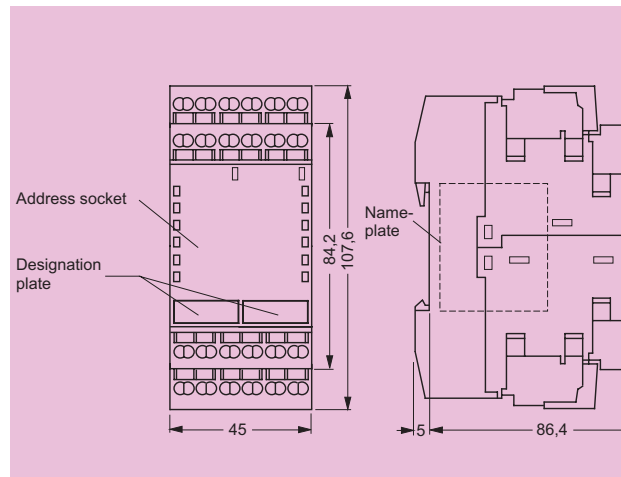
SlimLine S22.5 with Cage Clamp terminals



SlimLine S45 with screw-type terminals



SlimLine S45 with Cage Clamp terminals



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