

SIMOREG 6RA70 DC MASTER

Options



Terminal expansions

Control terminal strip on interface board SCI1

Terminal	No.:	Internal Circuit	Function, Notes
X427	A1		Auxiliary voltage P 24 V DC, 200 mA for binary inputs
	A2		Auxiliary voltage M for binary inputs
	A3		Binary input 6
	A4		Binary input 7
	A5		Binary input 8
	A6		Binary input 9
	A7		Binary input 10
	A8		Reference point for binary inputs 6 to 10
	A9		Auxiliary voltage M for binary inputs
	A10		Power supply M (connection of external supply)
	A11		Power supply M (connection of external supply)
	B1		Binary output 8, driver P 24 V DC
	B2		Binary output 8, driver 100 mA external, short-circuit proof
	B3		Binary input 1
	B4		Binary input 2
	B5		Binary input 3
	B6		Binary input 4
	B7		Binary input 5
B8	Reference point for binary inputs 1 to 5		
B9	Auxiliary voltage P 24 V DC for binary inputs		
B10	Power supply P 24 V DC (connection of external supply)		
B11	Power supply P 24 V DC (connection of external supply)		
X428	1		+10 V / 5 mA for potentiometer; short-circuit proof
	2		-10 V / 5 mA for potentiometer; short-circuit proof
	3		Analog input 1: Voltage (0 to +/-10 V)
	4		Ground
	5		Current (0/4 to 20 mA, resistive load 250 Ω)
	6		Analog input 2: Voltage (0 to +/-10 V)
	7		Ground
	8		Current (0/4 to 20 mA, resistive load 250 Ω)
	9		Analog input 3: Voltage (0 to +/-10 V)
	10		Ground
	11		Current (0/4 to 20 mA, resistive load 250 Ω)
	12		Analog output 1: Voltage (±10 V, max. 5 mA)
	13		Ground
	14		Current (0/4 to +/-20 mA, max. 500 Ω)
	15		Analog output 2: Voltage (±10 V, max. 5 mA)
	16		Ground
	17		Current (0/4 to +/-20 mA, max. 500 Ω)
	18		Analog output 3: Current voltage (±10 V, max. 5 mA)
	19		Ground
	20		Current (0/4 to +/-20 mA, max. 500 Ω)

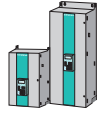


Control terminal strip on interface board SCI1

Terminal	No.:	Internal Circuit	Function, Notes
X429	1		Binary output 1: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	2		
	3		Binary output 2: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	4		
	5		Binary output 3: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	6		
	7		Binary output 4: changeover 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	8		
	9		
	10		Binary output 5: changeover 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	11		
	12		
	13		Binary output 6: changeover 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	14		
	15		
	16		Binary output 7: changeover 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	17		
	18		

Control terminal strip on interface board SCI2

Terminal	No.:	Internal Circuit	Function, Notes
X437	A1		Binary input 9
	A2		Binary input 10
	A3		Binary input 11
	A4		Binary input 12
	A5		Binary input 13
	A6		Binary input 14
	A7		Binary input 15
	A8		Binary input 16
	A9		Reference point for binary inputs 9 to 16
	A10		Auxiliary voltage M for binary inputs
	A11		Power supply M (connection of external supply)
	A12		Power supply M (connection of external supply)
	B1		Binary input 1
	B2		Binary input 2
	B3		Binary input 3
	B4		Binary input 4
	B5		Binary input 5
	B6		Binary input 6
	B7		Binary input 7
	B8		Binary input 8
	B9		Reference point for binary inputs 1 to 8
	B10		Aux. volt. P 24 V DC, 280 mA/0 to 40 °C, 400 mA/20 °C, 200 mA/55 °C in combination with X438/A5 for binary inputs
	B11		Power supply P 24 V DC (connection of external supply)
	B12		Power supply P 24 V DC (connection of external supply)



Terminal expansions

Control terminal strip on interface board SCI2

Terminal	No.:	Internal Circuit	Function, Notes
X438	A1		Binary output 11, driver 24 V DC
	A2		Binary output 11, driver 100 mA external, short-circuit proof
	A3		Binary output 12, driver 24 V DC
	A4		Binary output 13, driver 100 mA external, short-circuit proof
	A5	—	Aux. volt. P 24 V DC, 280 mA/0 to 40 °C, 400 mA/20 °C, 200 mA/55 °C in combination with X437/B10 for binary outputs
	A6	—	Auxiliary voltage M for binary outputs
	B1		Binary output 8, driver 24 V DC
	B2		Binary output 8, driver 100 mA external, short-circuit proof
	B3		Binary output 9, driver 24 V DC
	B4		Binary output 9, driver 100 mA external, short-circuit proof
	B5		Binary output 10, driver 24 V DC
	B6		Binary output 10, driver 100 mA external, short-circuit proof
X439	1		Binary output 1: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	2		Binary output 2: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	3		Binary output 3: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	4		Binary output 3: NO 100 V DC / 250 V AC; 240 W / 2000 VA; min.: 24 V, 10 mA
	5		Binary output 4: changeover
	6		Binary output 4: changeover
	7		Binary output 4: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	8		Binary output 4: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	9		Binary output 5: changeover
	10		Binary output 5: changeover
	11		Binary output 5: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	12		Binary output 5: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	13		Binary output 6: changeover
	14		Binary output 6: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	15		Binary output 6: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	16		Binary output 7: changeover
	17		Binary output 7: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA
	18		Binary output 7: 100 V DC / 250 V AC; 240 W / 2000 VA; Minimum load: 24 V, 10 mA

Selection and ordering data

Description	Order No.:
SCI1 Interface board Binary and analog inputs/outputs Supplied unassembled incl. 10 m fiber-optic cable	6SE7090-0XX84-3EA0
SCI2 Interface board Binary inputs and outputs Supplied unassembled incl. 10 m fiber-optic cable	6SE7090-0XX84-3EF0