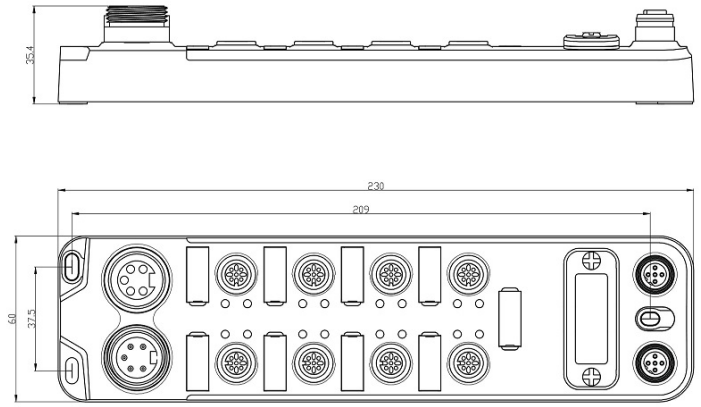
- IO-Link version v1.1
- Support rates: COM1, COM2, COM3
- IO-Link ports: Class-A or Class-B



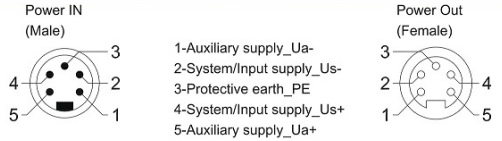
Ordering data			
Product type	SEFCPN8LKM4A4B	SEFCPN8LKM8A	SEFCPN4LKM4A4S
Description	8 IO-Link ports	8 IO-Link ports	4 IO-Link ports
Communication			
Protocol	Profinet		
Operating modes	Auto-negotiation, Auto-MDI/MDI-X		
Transfer rate	10/100 Mbps		
Addressing	Profinet standard, DCP		
Topology	Support		
Media Redundancy Protocol	Support		
Power supply			
Supply voltage	24 VDC（18…30 VDC）		
Current consumption	Max. 200mA		
System&Input supply	Us, Max. 8A		
Output supply	Ua, Max. 8A		
Electrical isolation	Us and Ua completely separated	Us and Ua：24V separated，0V connected	
Connections			
Power supply	2 x 7/8" 5pin, Male+Female		
Fieldbus	2 x M12 D-code 4pin, Female		
Signals	8 x M12 A-code 5pin, Female		
Interface			
IO-Link ports	8	8	4
IO-Link type	4*Class-A + 4*Class-B	8*Class-A	4*Class-A
IO-Link version	IO-Link V1.1		
IO-Link communication rates	COM1(4.8kbps), COM2(38.4kbps), COM3(230.4kbps)		
Input channels	Max. 12	Max. 16	Max. 16
Input supply current	IO-Link: 1.6A per channel, Signal: 200mA per channel		
Auxiliary supply current	2A per channel		
Input type	PNP sensors, mechanical switches, dry contacts, etc..		
Input delay	3.2 ms		
Output channels	Max. 12	Max. 16	Max. 16
Output current	Max. 2A per channel		
Output type	Lamps, solenoidvalve，etc..		
Output frequency	Resistive load 100Hz, Inductive load 5Hz		
Diagnostics			
Communication indication	LED indication, Communication message		
Voltage detection	Support, Low voltage alarm		
Short-circuit & Overload	Support, LED indication		
General data			
Protection	IP67		
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		
Dimensions（W*H*D）	60x230x39 mm		

IO-Link Master

Dimensions drawing



Voltage supply drawing



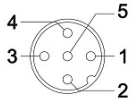
Fieldbus drawing



I/O Port drawing

I/O Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT_2
3 - Power supply_GND
4 - Signal IN/OUT_1
5 - Protective earth_PE



Class-A Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Protective earth_PE

Class-B Port
(Female)

1 - Power supply_24V+
2 - Auxiliary supply_P24
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Auxiliary supply_N24

- IO-Link version v1.1
- Support rates: COM1, COM2, COM3
- IO-Link ports: Class-A or Class-B

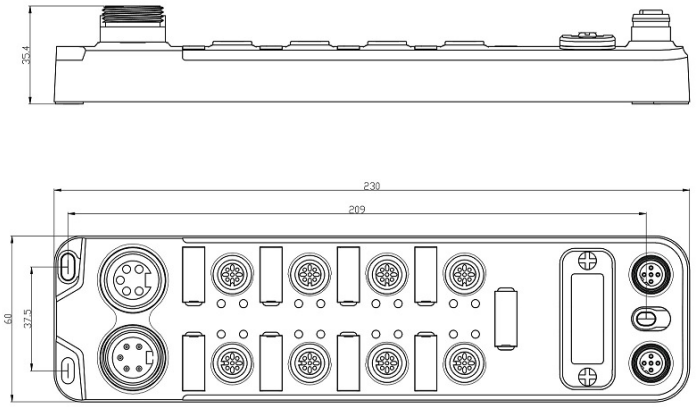


EtherNet/IP

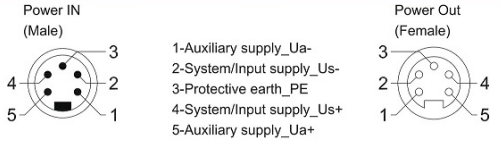
Ordering data			
Product type	SEFCEI8LKM4A4B	SEFCEI8LKM8A	SEFCEI4LKM4A4S
Description	8 IO-Link ports	8 IO-Link ports	4 IO-Link ports
Communication			
Protocol	EtherNet/IP		
Operating modes	Auto-negotiation, Auto-MDI/MDI-X		
Transfer rate	10/100 Mbps		
Addressing	DHCP, BOOTP		
Media Redundancy Protocol	Support		
Power supply			
Supply voltage	24 VDC(18…30 VDC)		
Current consumption	Max. 200mA		
System&Input supply	Us, Max. 8A		
Output supply	Ua, Max. 8A		
Electrical isolation	Us and Ua completely separated	Us and Ua：24V separated，0V connected	
Connections			
Power supply	2 x 7/8" 5pin, Male+Female		
Fieldbus	2 x M12 D-code 4pin, Female		
Signals	8 x M12 A-code 5pin, Female		
Interface			
IO-Link ports	8	8	4
IO-Link type	4*Class-A + 4*Class-B	8*Class-A	4*Class-A
IO-Link version	IO-Link V1.1		
IO-Link communication rates	COM1(4.8kbps), COM2(38.4kbps), COM3(230.4kbps)		
Input channels	Max. 12	Max. 16	Max. 16
Input supply current	IO-Link: 1.6A per channel, Signal: 200mA per channel		
Auxiliary supply current	2A per channel		
Input type	PNP sensors, mechanical switches, dry contacts, etc..		
Input delay	1.6 ms		
Output channels	Max. 12	Max. 16	Max. 16
Output current	Max. 2A per channel		
Output type	Lamps, solenoidvalve，etc..		
Output frequency	Resistive load 100Hz, Inductive load 5Hz		
Diagnostics			
Communication indication	LED indication, Communication message		
Voltage detection	Support, Low voltage alarm		
Short-circuit & Overload	Support, LED indication		
General data			
Protection	IP67		
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		
Dimensions（W*H*D）	60x230x39 mm		

IO-Link Master

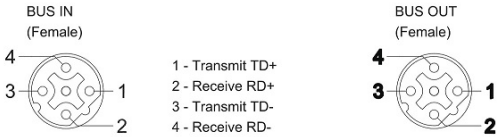
Dimensions drawing



Voltage supply drawing



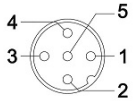
Fieldbus drawing



I/O Port drawing

I/O Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT_2
3 - Power supply_GND
4 - Signal IN/OUT_1
5 - Protective earth_PE



Class-A Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Protective earth_PE

Class-B Port
(Female)

1 - Power supply_24V+
2 - Auxiliary supply_P24
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Auxiliary supply_N24

- IO-Link version v1.1
- Support rates: COM1, COM2, COM3
- IO-Link ports: Class-A or Class-B

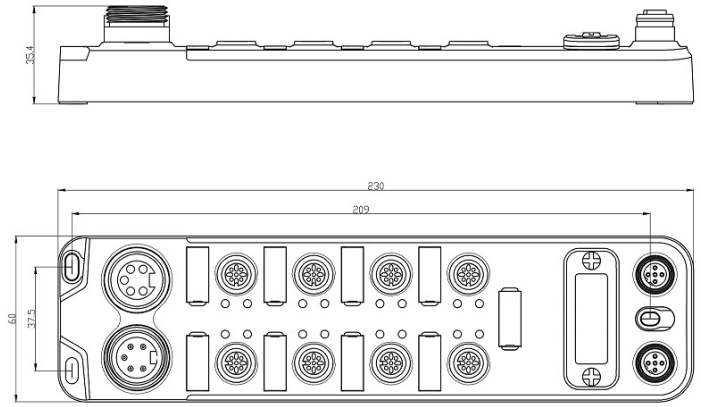


EtherCAT

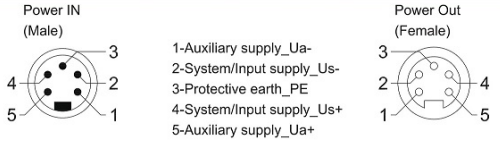
Ordering data			
Product type	SEFCEC8LKM4A4B	SEFCEC8LKM8A	SEFCEC4LKM4A4S
Description	8 IO-Link ports	8 IO-Link ports	4 IO-Link ports
Communication			
Protocol	EtherNet/IP		
Operating modes	Auto-negotiation, Auto-MDI/MDI-X		
Transfer rate	10/100 Mbps		
Addressing	System automatic allocation		
Power supply			
Supply voltage	24 VDC(18…30 VDC)		
Current consumption	Max. 200mA		
System&Input supply	Us, Max. 8A		
Output supply	Ua, Max. 8A		
Electrical isolation	Us and Ua completely separated	Us and Ua：24V separated，0V connected	
Connections			
Power supply	2 x 7/8" 5pin, Male+Female		
Fieldbus	2 x M12 D-code 4pin, Female		
Signals	8 x M12 A-code 5pin, Female		
Interface			
IO-Link ports	8	8	4
IO-Link type	4*Class-A + 4*Class-B	8*Class-A	4*Class-A
IO-Link version	IO-Link V1.1		
IO-Link communication rates	COM1(4.8kbps), COM2(38.4kbps), COM3(230.4kbps)		
Input channels	Max. 12	Max. 16	Max. 16
Input supply current	IO-Link: 1.6A per channel, Signal: 200mA per channel		
Auxiliary supply current	2A per channel		
Input type	PNP sensors, mechanical switches, dry contacts, etc..		
Input delay	1.6 ms		
Output channels	Max. 12	Max. 16	Max. 16
Output current	Max. 2A per channel		
Output type	Lamps, solenoidvalve，etc..		
Output frequency	Resistive load 100Hz, Inductive load 5Hz		
Diagnostics			
Communication indication	LED indication, Communication message		
Voltage detection	Support, Low voltage alarm		
Short-circuit & Overload	Support, LED indication		
General data			
Protection	IP67		
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		
Dimensions（W*H*D）	60x230x39 mm		

IO-Link Master

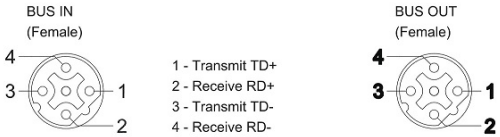
Dimensions drawing



Voltage supply drawing



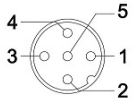
Fieldbus drawing



I/O Port drawing

I/O Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT_2
3 - Power supply_GND
4 - Signal IN/OUT_1
5 - Protective earth_PE



Class-A Port
(Female)

1 - Power supply_24V+
2 - Signal IN/OUT
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Protective earth_PE

Class-B Port
(Female)

1 - Power supply_24V+
2 - Auxiliary supply_P24
3 - Power supply_GND
4 - IO-Link or Signal IN/OUT
5 - Auxiliary supply_N24

- IO-Link version v1.1
- Support rates: COM2
- IO-Link ports: Class-A

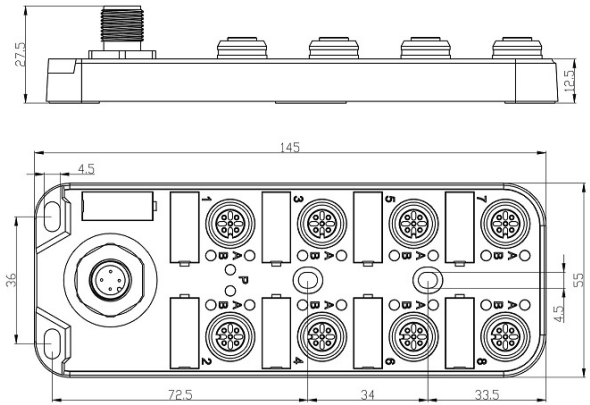


IO-Link

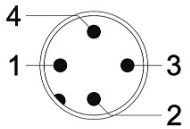
Ordering data				
Product type	SELKHA1600PM12	SELKHA0808PM12	SELKHA088UPM12	SELKHA16UPM12
Description	16DI, Class-A, 8*M12	8DI+8DO, Class-A, 8*M12	8DI+8DIO, Class-A, 8*M12	16DI/DO, Class-A, 8*M12
Connections				
IO-Link	Class-A: 1 x M12 A-code 4pin, Male			
Power supply	Included in IO-Link interface			
Signals	8 x M12 A-code 5pin, Female			
Interface				
Input channels	16	8	Max. 16	Max. 16
Input supply current	Max. 200mA per channel			
Input type	PNP sensors, mechanical switches, dry contacts, etc..			
Input delay	1.6 ms			
Output channels	-	8	Max. 8	Max. 16
Output current	Max. 500mA per channel, 2A in total			
Output type	Lamps, solenoidvalve, etc..			
Output frequency	Resistive load 100Hz, Inductive load 5Hz			
Diagnostics				
Communication indication	LED indication, Communication message			
Voltage detection	Support, Low voltage alarm			
Short-circuit & Overload	Support, LED indication			
General data				
Protection	IP67			
Temperature	Operating -25...+70 °C, Storage -40...+85 °C			
Dimensions（W*H*D）	55x145x28 mm			

IO-Link Sensor Hub

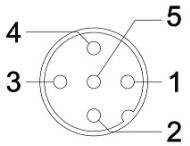
Dimensions drawing



Voltage supply drawing



Class-A Port
(Male)
1-Power supply_24V+
2-Output supply_P24
3-Power supply_GND
4-IO-Link



I/O Port
(Female)
1-Power supply_24V+
2-Signal IN/OUT_B
3-Power supply_GND
4-Signal IN/OUT_A
5-Protective earth_PE

- IO-Link version v1.1
- Support rates: COM2
- IO-Link ports: Class-A
- NPN type I/O signal

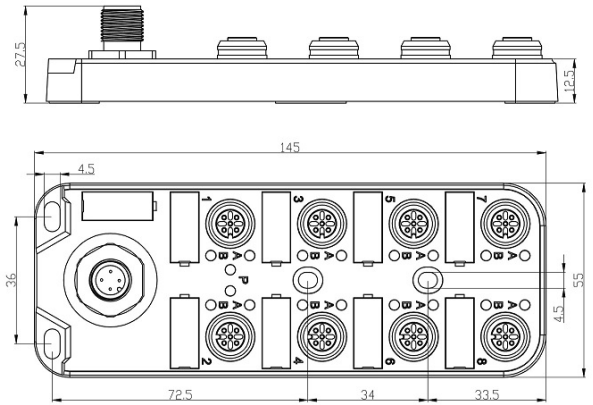


IO-Link

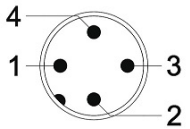
Ordering data			
Product type	SELKHA1600NM12	SELKHA088UNM12	SELKHA16UNM12
Description	16DI, Class-A, 8*M12	8DI+8DIO, Class-A, 8*M12	16DI/DO, Class-A, 8*M12
Connections			
IO-Link	Class-A：1 x M12 A-code 4pin，Male		
Power supply	Included in IO-Link interface		
Signals	8 x M12 A-code 5pin, Female		
Interface			
Input channels	16	Max. 16	Max. 16
Input supply current	Max. 200mA per channel		
Input type	NPN sensors, mechanical switches, dry contacts, etc..		
Input delay	1.6 ms		
Output channels	-	Max. 8	Max. 16
Output current	Max. 500mA per channel, 2A in total		
Output type	Lamps, solenoidvalve, etc..		
Output frequency	Resistive load 100Hz, Inductive load 5Hz		
Diagnostics			
Communication indication	LED indication, Communication message		
Voltage detection	Support, Low voltage alarm		
Short-circuit & Overload	Support, LED indication		
General data			
Protection	IP67		
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		
Dimensions（W*H*D）	55x145x28 mm		

IO-Link Sensor Hub

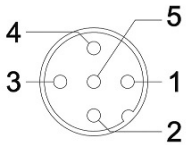
Dimensions drawing



Voltage supply drawing



Class-A Port
(Male)
1-Power supply_24V+
2-Output supply_P24
3-Power supply_GND
4-IO-Link



I/O Port
(Female)
1-Power supply_24V+
2-Signal IN/OUT_B
3-Power supply_GND
4-Signal IN/OUT_A
5-Protective earth_PE

IO-Link Sensor Hub

- IO-Link version v1.1
- Support rates: COM2
- IO-Link ports: Class-A

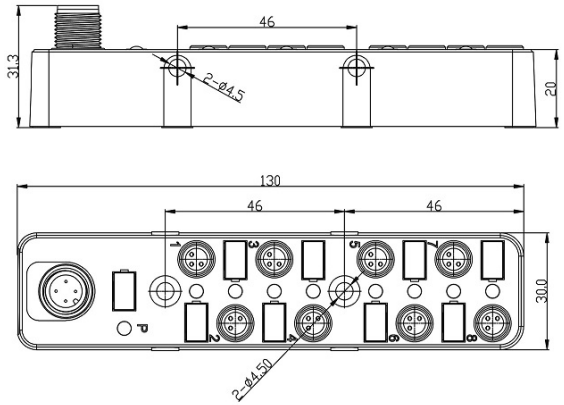


IO-Link

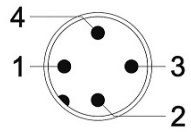
Ordering data		
Product type	SELKHA0800PM8	SELKHA08UPM8
Description	8DI, Class-A, 8*M8	8DI/DO, Class-A, 8*M8
Connections		
IO-Link	Class-A: 1 x M12 A-code 4pin, Male	
Power supply	Included in IO-Link interface	
Signals	8 x M8 3pin, Female	
Interface		
Input channels	8	Max. 8
Input supply current	Max. 200mA per channel	
Input type	PNP sensors, mechanical switches, dry contacts, etc..	
Input delay	1.6 ms	
Output channels	-	Max. 8
Output current	Max. 500mA per channel, 2A in total	
Output type	Lamps，solenoidvalve, etc..	
Output frequency	Resistive load 100Hz, Inductive load 5Hz	
Diagnostics		
Communication indication	LED indication, Communication message	
Voltage detection	Support, Low voltage alarm	
Short-circuit & Overload	Support, LED indication	
General data		
Protection	IP67	
Temperature	Operating -25...+70 °C, Storage -40...+85 °C	
Dimensions（W*H*D）	30x130x31 mm	

IO-Link Sensor Hub

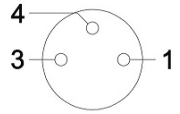
Dimensions drawing



Voltage supply drawing



Class-A Port
(Male)
1-Power supply_24V+
2-Output supply_P24
3-Power supply_GND
4-IO-Link



I/O Port
(Female)
1-Power supply_24V+
3-Power supply_GND
4-Signal IN/OUT

IO-Link Sensor Hub

- IO-Link version v1.1
- Support rates: COM2
- IO-Link ports: Class-A

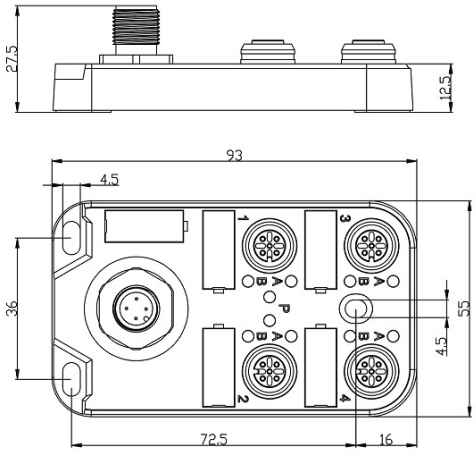


IO-Link

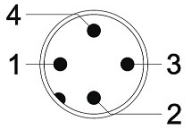
Ordering data		
Product type	SELKHA0800PM12	SELKHA08UPM12
Description	8DI，Class-A，4*M12	8DI/DO，Class-A，4*M12
Connections		
IO-Link	Class-A：1 x M12 A-code 4pin，Male	
Power supply	Included in IO-Link interface	
Signals	4 x M12 A-code 5pin，Female	
Interface		
Input channels	8	Max. 8
Input supply current	Max. 200mA per channel	
Input type	PNP sensors，mechanical switches，dry contacts，etc..	
Input delay	1.6 ms	
Output channels	-	Max. 8
Output current	Max. 500mA per channel，2A in total	
Output type	Lamps，solenoidvalve，etc..	
Output frequency	Resistive load 100Hz，Inductive load 5Hz	
Diagnostics		
Communication indication	LED indication，Communication message	
Voltage detection	Support，Low voltage alarm	
Short-circuit & Overload	Support，LED indication	
General data		
Protection	IP67	
Temperature	Operating -25...+70 °C，Storage -40...+85 °C	
Dimensions（W*H*D）	55x93x28 mm	

IO-Link Sensor Hub

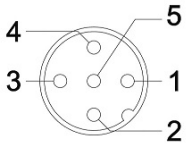
Dimensions drawing



Voltage supply drawing



Class-A Port
(Male)
1-Power supply_24V+
2-Output supply_P24
3-Power supply_GND
4-IO-Link



I/O Port
(Female)
1-Power supply_24V+
2-Signal IN/OUT_B
3-Power supply_GND
4-Signal IN/OUT_A
5-Protective earth_PE

IO-LINK IP20 Hubs-32 Digital I/O modules

- IO-Link Version 1.1
- Transfer rate:COM2 (38.4 kBaud)
- IO-Link port: Class A
- Pluggable I/O terminal blocks

IO-Link



Ordering data						
Product Model	SELKHA3200PQC	SELKHA3200PTC	SELKHA1616PQC	SELKHA1616PTC	SELKHA0032PQC	SELKHA0032PTC
Description	32DI,PNP,interface 4-PIN M12	32DI,PNP,interface 4-Pos terminals	16DI/16DO,PNP,interface 4-PIN M12	16DI/16DO,PNP,interface 4-Pos terminals	32DO,PNP,interface 4-PIN M12	32DO,PNP,interface 4-Pos terminals
Product Model	SELKHA3200NQC	SELKHA3200NTC	SELKHA1616NQC	SELKHA1616NTC	SELKHA0032NQC	SELKHA0032NTC
Description	32DI,NPN,interface 4-PIN M12	32DI,NPN,interface 4-Pos terminals	16DI/16DO,NPN,interface 4-PIN M12	16DI/16DO,NPN,interface 4-Pos terminals	32DO,NPN,interface 4-PIN M12	32DO,NPN,interface 4-Pos terminals
Electrical connection						
IO-Link	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals
Power supply	Included in IO-Link interface		IO-LINK interface+Power supply terminals			
Input/Output	4× 10 position I/O terminal blocks,Push-in spring connection,Pluggable		4× 10 position I/O terminal blocks,Push-in spring connection,Pluggable			
Electrical data						
Input	32	32	16	16	—	—
Input supply current	Max 200mA per channel		Max 200mA per channel		—	—
Input delay	0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		—	—
Output	-	-	16	16	32	32
Output current	-	-	Max 500mA per channel			
Output type	-	-	Lamps, solenoidvalve, etc..			
Output frequency	-	-	Resistive load 100Hz, Inductive load 5Hz			
Diagnostics						
Communication status	LED indication, Communication message		LED indication, Communication message			
Voltage detection	LED indication		LED indication			
Short-circuit & Overload	LED indication		LED indication			
General data						
Protection Class	IP20		IP20			
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		Operating -25...+70 °C, Storage -40...+85 °C			
Dimensions（W*H*D）	120mm×70mm×41.5mm		120mm×70mm×41.5mm			

IO-LINK IP20 Hubs-32 Digital I/O modules

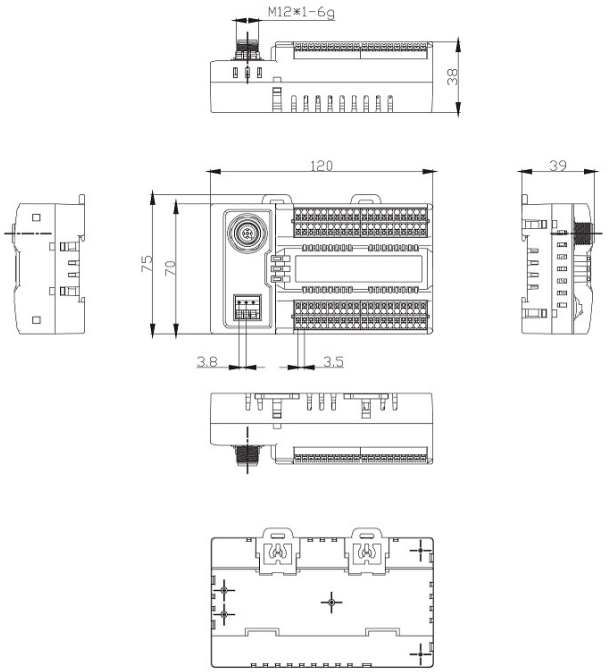
- IO-Link Version 1.1
- Transfer rate:COM2 (38.4 kBaud)
- IO-Link port: Class A
- Pluggable I/O and Aux-plugs(24V and 0V) terminal blocks

IO-Link



Ordering data						
Product Model	SELKHA3200PQA	SELKHA3200PTA	SELKHA1616PQA	SELKHA1616PTA	SELKHA0032PQA	SELKHA0032PTA
Description	32DI,PNP,interface 4-PIN M12	32DI,PNP,interface 4-Pos terminals	16DI/16DO,PNP,interface 4-PIN M12	16DI/16DO,PNP,interface 4-Pos terminals	32DO,PNP,interface 4-PIN M12	32DO,PNP,interface 4-Pos terminals
Product Model	SELKHA3200NQA	SELKHA3200NTA	SELKHA1616NQA	SELKHA1616NTA	SELKHA0032NQA	SELKHA0032NTA
Description	32DI,NPN,interface 4-PIN M12	32DI,NPN,interface 4-Pos terminals	16DI/16DO,NPN,interface 4-PIN M12	16DI/16DO,NPN,interface 4-Pos terminals	32DO,NPN,interface 4-PIN M12	32DO,NPN,interface 4-Pos terminals
Electrical connection						
IO-Link	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals
Power supply	Included in IO-Link interface		IO-LINK interface+Power supply terminals			
Input/Output	4× 10 position I/O terminal blocks+4×10 position Aux-plugs(24V and 0V) terminal blocks,Push-in spring connection,Pluggable					
Electrical data						
Input	32	32	16	16	—	—
Input supply current	Max 200mA per channel		Max 200mA per channel		—	—
Input delay	0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		—	—
Output	-	-	16	16	32	32
Output current	-	-	Max 500mA per channel			
Output type	-	-	Lamps, solenoidvalve, etc..			
Output frequency	-	-	Resistive load 100Hz, Inductive load 5Hz			
Diagnostics						
Communication status	LED indication, Communication message		LED indication, Communication message			
Voltage detection	LED indication		LED indication			
Short-circuit & Overload	LED indication		LED indication			
General data						
Protection Class	IP20		IP20			
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		Operating -25...+70 °C, Storage -40...+85 °C			
Dimensions（W*H*D）	120mm×70mm×41.5mm		120mm×70mm×41.5mm			

Dimension drawing and terminal definition



SELKHA1616PTC

	1	2	3	4																
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M

SELKHA3200PTA

	1	2	3	4																
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M	1L	i25	i26	i27	i28	i29	i30	i31	i32	1M
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

SELKHA1616PTA

	1	2	3	4																
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
			Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M

SELKHA0032PQC

	1	2	3	4	5															
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - IO-LINK
5 - nc

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	2M	2L	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	2M
			Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M

SELKHA3200PQC

	1	2	3	4	5															
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - IO-LINK
5 - nc

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M	1L	i25	i26	i27	i28	i29	i30	i31	i32	1M

SELKHA0032PQA

	1	2	3	4	5															
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - IO-LINK
5 - nc

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	2M	2L	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	2M
			Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M

SELKHA1616PQC

	1	2	3	4	5															
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - IO-LINK
5 - nc

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M

SELKHA3200PQA

	1	2	3	4	5															
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - IO-LINK
5 - nc

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M	1L	i25	i26	i27	i28	i29	i30	i31	i32	1M
			Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
			No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

SELKHA0032PTC

	1	2	3	4																
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	2M	2L	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	2M
			Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M

SELKHA3200PTC

	1	2	3	4																
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M	1L	i25	i26	i27	i28	i29	i30	i31	i32	1M

SELKHA0032PTA

	1	2	3	4																
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+	GND	PE	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2L	2M	PE	Definition	2L	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	2M	2L	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	2M
			Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M

IO-LINK IP20 Hubs-16 Digital I/O modules

- IO-Link Version 1.1
- Transfer rate:COM2 (38.4 kBaud)
- IO-Link port: Class A
- Pluggable I/O terminal blocks

IO-Link



Ordering data						
Product Model	SELKHA1600PQC	SELKHA1600PTC	SELKHA0808PQC	SELKHA0808PTC	SELKHA0016PQC	SELKHA0016PTC
Description	16DI,PNP,interface 4-PIN M12	16DI,PNP,interface 4-Pos terminals	8DI/8DO,PNP,interface 4-PIN M12	8DI/8DO,PNP,interface 4-Pos terminals	16DO,PNP,interface 4-PIN M12	16DO,PNP,interface 4-Pos terminals
Product Model	SELKHA1600NQC	SELKHA1600NTC	SELKHA0808NQC	SELKHA0808NTC	SELKHA0016NQC	SELKHA0016NTC
Description	16DI,NPN,interface 4-PIN M12	16DI,NPN,interface 4-Pos terminals	8DI/8DO,NPN,interface 4-PIN M12	8DI/8DO,NPN,interface 4-Pos terminals	16DO,NPN,interface 4-PIN M12	16DO,NPN,interface 4-Pos terminals
Electrical connection						
IO-Link	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals
Power supply	Included in IO-Link interface		IO-LINK interface+Power supply terminals			
Input/Output	2× 10 position I/O terminal blocks,Push-in spring connection, Pluggable		2× 10 position I/O terminal blocks,Push-in spring connection,Pluggable			
Electrical data						
Input	16	16	8	8	—	—
Input supply current	Max 200mA per channel		Max 200mA per channel		—	—
Input delay	0.8ms,1.6ms,3.2ms or 20ms , Parameterizable configuration		0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		—	—
Output	-	-	8	8	16	16
Output current	-	-	Max 500mA per channel			
Output type	-	-	Lamps, solenoidvalve, etc..			
Output frequency	-	-	Resistive load 100Hz, Inductive load 5Hz			
Diagnostics						
Communication status	LED indication, Communication message		LED indication, Communication message			
Voltage detection	LED indication		LED indication			
Short-circuit & Overload	LED indication		LED indication			
General data						
Protection Class	IP20		IP20			
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		Operating -25...+70 °C, Storage -40...+85 °C			
Dimensions（W*H*D）	91mm×70mm×38mm		91mm×70mm×38mm			

IO-LINK IP20 Hubs-16 Digital I/O modules

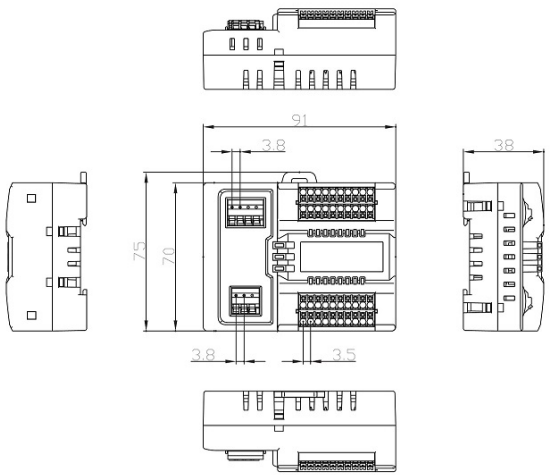
- IO-Link Version 1.1
- Transfer rate:COM2 (38.4 kBaud)
- IO-Link port: Class A
- Pluggable I/O and Aux-plugs(24V and 0V) terminal blocks

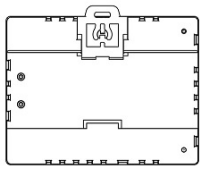
IO-Link



Ordering data						
Product Model	SELKHA1600PQA	SELKHA1600PTA	SELKHA0808PQA	SELKHA0808PTA	SELKHA0016PQA	SELKHA0016PTA
Description	16DI,PNP,interface 4-PIN M12	16DI,PNP,interface 4-Pos terminals	8DI/8DO,PNP,interface 4-PIN M12	8DI/8DO,PNP,interface 4-Pos terminals	16DO,PNP,interface 4-PIN M12	16DO,PNP,interface 4-Pos terminals
Product Model	SELKHA1600NQA	SELKHA1600NTA	SELKHA0808NQA	SELKHA0808NTA	SELKHA0016NQA	SELKHA0016NTA
Description	16D,NPN,interface 4-PIN M12	16D,NPN,interface 4-Pos terminals	8DI/8DO,NPN,interface 4-PIN M12	8DI/8DO,NPN,interface 4-Pos terminals	16DO,NPN,interface 4-PIN M12	16DO,NPN,interface 4-Pos terminals
Electrical connection						
IO-Link	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals	1×M12 A-CODE 4-PIN,Male	1×4-Pos terminals
Power supply	Included in IO-Link interface		IO-LINK interface+Power supply terminals			
Input/Output	2× 10 position I/O terminal blocks+2×10 position Aux-plugs(24V and 0V) terminal blocks,Push-in spring connection,Pluggable					
Electrical data						
Input	16	16	8	8	—	—
Input supply current	Max 200mA per channel		Max 200mA per channel		—	—
Input delay	0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		0.8ms,1.6ms,3.2ms or 20ms ,Parameterizable configuration		—	—
Output	-	-	8	8	16	16
Output current	-	-	Max 500mA per channel			
Output type	-	-	Lamps, solenoidvalve, etc..			
Output frequency	-	-	Resistive load 100Hz, Inductive load 5Hz			
Diagnostics						
Communication status	LED indication, Communication message		LED indication, Communication message			
Voltage detection	LED indication		LED indication			
Short-circuit & Overload	LED indication		LED indication			
General data						
Protection Class	IP20		IP20			
Temperature	Operating -25...+70 °C, Storage -40...+85 °C		Operating -25...+70 °C, Storage -40...+85 °C			
Dimensions（W*H*D）	91mm×70mm×38mm		91mm×70mm×38mm			

Dimension drawing and terminal definition





1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA0808PQC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	11	12	13	14	15	16	17	18	19	20
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA0808PQA

No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
No.	31	32	33	34	35	36	37	38	39	40

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+ GND PE
2L 2M PE

SELKHA0808PTC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	1	2	3	4	5	6	7	8	9	10
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+ GND PE
2L 2M PE

SELKHA0808PTA

No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
No.	31	32	33	34	35	36	37	38	39	40

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA1600PQC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA1600PQA

No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
No.	31	32	33	34	35	36	37	38	39	40

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

SELKHA1600PTC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

SELKHA1600PTA

No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M
Definition	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
No.	31	32	33	34	35	36	37	38	39	40

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA0016PQC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q
5 - nc

24V+ GND PE
2L 2M PE

SELKHA0016PQA

No.	11	12	13	14	15	16	17	18	19	20
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
No.	31	32	33	34	35	36	37	38	39	40

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+ GND PE
2L 2M PE

SELKHA0016PTC

Definition	1L	i1	i2	i3	i4	i5	i6	i7	i8	1M
No.	1	2	3	4	5	6	7	8	9	10
No.	11	12	13	14	15	16	17	18	19	20
Definition	1L	i17	i18	i19	i20	i21	i22	i23	i24	1M

1 - 1L 24V+
2 - nc
3 - 1M GND
4 - C/Q

24V+ GND PE
2L 2M PE

SELKHA0016PTA

No.	11	12	13	14	15	16	17	18	19	20
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
Definition	2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M
No.	1	2	3	4	5	6	7	8	9	10
No.	21	22	23	24	25	26	27	28	29	30
Definition	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M
Definition	2M	2M	2M	2M	2M	2M	2M	2M	2M	2M
No.	31	32	33	34	35	36	37	38	39	40