

Standard Products

Product	Function: Normally-open operation, SPST-NO, 4,6kV isolation, capacitive noise filtering, built-in protection for output	Control 'coil' voltage	Load voltage	Max. current	Image
SLI12CR	Between sensors/switches & PLC	12 VDC	0...60 VDC	50 mA	
SLI24CR	Between sensors/switches & PLC	24 VDC	0...60 VDC	50 mA	
SLI24CRF	Between sensors/switches & PLC, up to 10kHz	24 VDC	0...60 VDC	50 mA	
SLI48CR	Between sensors/switches & PLC	48 VDC	0...60 VDC	50 mA	
SLI125CR	Between sensors/switches & PLC	120 VDC	0...60 VDC	50 mA	
SLI250CR	Between sensors/switches & PLC	250 VDC	0...60 VDC	50 mA	
SLI25CR	Between sensors/switches & PLC	24 VAC	0...60 VDC	50 mA	
SLI49CR	Between sensors/switches & PLC	48 VAC	0...60 VDC	50 mA	
SLI120CR	Between sensors/switches & PLC	120 VAC	0...60 VDC	50 mA	
SLI120CRI	NC-operation (SPST-NC)	120 VAC	0...60 VDC	100 mA	
SLI120CRP	2-wire proxy & PLC, up to 3,5mA leakage from switch	120 VAC	0...60 VDC	50 mA	
SLI230CR	Between sensors/switches & PLC	230 VAC	0...60 VDC	50 mA	
SLI230CRI	NC-operation (SPST-NC)	230 VAC	0...60 VDC	100 mA	
SLI230CRP	2-wire proxy & PLC, up to 3,5mA leakage from switch	230 VAC	0...60 VDC	50 mA	
SLO24COA	Change-over contacts (SPDT-CO)	24 VDC	0...265 VDC	0,8 A	
SLO5CR	Resistive loads	5 VDC	0...60 VDC	3 A	
SLO12CR	Resistive loads	12 VDC	0...60 VDC	3 A	
SLO24CRA4	MOSFET output for Solenoid Valves	24 VDC	0...250 VDC	4 A	
SLO24CRX	Resistive loads	24 VDC	0...28 VDC	10 A*	
SLO48CRA4	MOSFET output for Solenoid Valves	48 VDC	0...250 VDC	4 A	
SLO120CRA4	MOSFET output for Solenoid Valves	120 VDC	0...250 VDC	4 A	
SLO220CRA4	MOSFET output for Solenoid Valves	220 VDC	0...250 VDC	4 A	
SLO5TR	Inductive & resistive AC-loads	5 VDC	0...240 VAC	3 A	
SLO12TR	Inductive & resistive AC-loads	12 VDC	0...240 VAC	3 A	
SLO24IRA	For AC/DC loads, 1 kHz switching	24 VDC	0...240 VAC/ 250 VDC	1,2 A	
SLO24TR	Inductive & resistive AC-loads	24 VDC	0...240 VAC	3 A	
SLOP120TR	Inductive & resistive AC-loads	120 VAC	0...240 VAC	3 A	
SLOP230TR	Inductive & resistive AC-loads	230 VAC	0...240 VAC	1,5 A	
MIS1GN	DIN-rail socket for SLI-relays	Screw Terminals		8,3 A	
MOS1GN	DIN-rail socket for SLO-relays	Screw Terminals		8,3 A	
MIS1CCN	DIN-rail socket for SLI-relays	Tension Clamp		8,3 A	
MOS1CCN	DIN-rail socket for SLO-relays	Tension Clamp		8,3 A	
MOS1CO	DIN-rail socket for SLO24COA -relay	Screw Terminals		8,3 A	
Jumper 8-13	8-pin cross connecting bar				
Jumper 16-13	16-pin cross connecting bar				

*) 8,3A with standard pluggable socket, 10A when the relay is pre-soldered into the DIN-rail socket (Product: SLO24CRXSN).

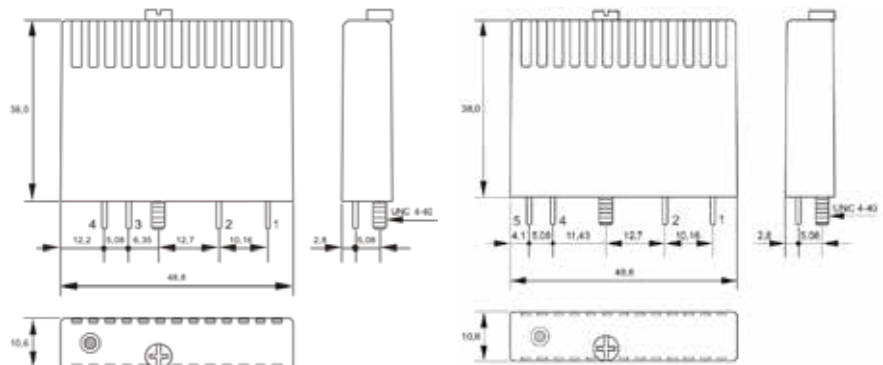



Easy connections to the PLC

Product	Description	Type	Function	Max. current	Image
MBS8BIOP	Mounting base for 8-relays	Screw Terminals	For quick & secure connection to the PLC	8,3 A	
RC10X-xxx	10-pole connection cable	Flat cable connector to MBS8BIOP	Color coded single wires with ferrules to the PLC		
MBS16BIOP	Mounting base for 8-relays	Screw Terminals	For quick & secure connection to the PLC	8,3 A	
RC20X-xxx	20-pole connection cable	Flat cable connector to MBS16BIOP	Color coded single wires with ferrules to the PLC		

G4 compatible relays (Compatible with 'G4' -pinning relays from other suppliers like OPTO22, Crydom, Grayhill etc.)

- No limited lifetime even with difficult loads, 3 year warranty
- High tolerance against noises
- Guaranteed switching on- and off-levels
- 100 % clear integrated status indication
- Breakdown voltage Input/Output 4300 VAC rms
- Works from zero loads upwards
- For resistive and slightly inductive loads
- CE (EMC and LVD)



Product	Function (Normally-open operation, SPST-NO)	Control 'coil' voltage	Load voltage	Max. current	Image
GLI120CRP	Between sensors/switches & PLC	120 VAC	0...60 VDC	50 mA	
GLI230CRP	2-wire proximity switches	230 VAC	0...60 VDC	50 mA	
GLI24CRB	Between sensors/switches & PLC	24 VDC	0...60 VDC	50 mA	
GLO5CR	Resistive DC-loads	5 VDC	0...60 VDC	3 A	
GLO5TR	Resistive & Inductive AC-loads	5 VDC	0...265 VAC	2,5 A	



Standard Ex-products



Product	Function: Normally-open operation, SPST-NO, 4,6kV isolation, capacitive noise filtering, built-in protection for output	Control 'coil' voltage	Load voltage	Max. current	Image
EXI12CH	Between sensors/switches & PLC	12 VDC	0...60 VDC	50 mA	
EXI24CH	Between sensors/switches & PLC	24 VDC	0...60 VDC	50 mA	
EXI24CHF	Between sensors/switches & PLC, up to 10kHz	24 VDC	0...60 VDC	50 mA	
EXI48CH	Between sensors/switches & PLC	48 VDC	0...60 VDC	50 mA	
EXI125CH	Between sensors/switches & PLC	120 VDC	0...60 VDC	50 mA	
EXI250CH	Between sensors/switches & PLC	250 VDC	0...60 VDC	50 mA	
EXI25CH	Between sensors/switches & PLC	24 VAC	0...60 VDC	50 mA	
EXI49CH	Between sensors/switches & PLC	48 VAC	0...60 VDC	50 mA	
EXI120CH	Between sensors/switches & PLC	120 VAC	0...60 VDC	50 mA	
EXI120CHI	NC-operation (SPST-NC)	120 VAC	0...60 VDC	100 mA	
EXI120CHP	2-wire proxy & PLC, up to 3,5mA leakage from switch	120 VAC	0...60 VDC	50 mA	
EXI230CH	Between sensors/switches & PLC	230 VAC	0...60 VDC	50 mA	
EXI230CHI	NC-operation (SPST-NC)	230 VAC	0...60 VDC	100 mA	
EXI230CHP	2-wire proxy & PLC, up to 3,5mA leakage from switch	230 VAC	0...60 VDC	50 mA	
EXO5CH	Resistive loads	5 VDC	0...60 VDC	3 A	
EXO12CH	Resistive loads	12 VDC	0...60 VDC	3 A	
EXO24CHA4	MOSFET output for Solenoid Valves	24 VDC	0...250 VDC	4 A	
EXO24CHX	Resistive loads	24 VDC	0...28 VDC	10 A*	
EXO48CHA4	MOSFET output for Solenoid Valves	48 VDC	0...250 VDC	4 A	
EXO120CHA4	MOSFET output for Solenoid Valves	120 VDC	0...250 VDC	4 A	
EXO220CHA4	MOSFET output for Solenoid Valves	220 VDC	0...250 VDC	4 A	
EXO5TH	Inductive & resistive AC-loads	5 VDC	0...240 VAC	3 A	
EXO12TH	Inductive & resistive AC-loads	12 VDC	0...240 VAC	3 A	
EXO24IHA	For AC/DC loads, 1 kHz switching	24 VDC	0...240 VAC/ 250 VDC	1,2 A	
EXO24TH	Inductive & resistive AC-loads	24 VDC	0...240 VAC	3 A	
EXOP120TH	Inductive & resistive AC-loads	120 VAC	0...240 VAC	3 A	
EXOP230TH	Inductive & resistive AC-loads	230 VAC	0...240 VAC	1,5 A	
MIS1GNEX	DIN-rail socket for EXI-relays	Screw Terminals		8,3 A	
MOS1GNEX	DIN-rail socket for EXO-relays	Screw Terminals		8,3 A	
MIS1CCNEX	DIN-rail socket for EXI-relays	Tension Clamp		8,3 A	
MOS1CCNEX	DIN-rail socket for EXO-relays	Tension Clamp		8,3 A	
Jumper 8-13	8-pin cross connecting bar				
Jumper 16-13	16-pin cross connecting bar				

*) 8,3A with standard pluggable socket, 10A when the relay is pre-soldered into the DIN-rail socket (Product: EXO24CRXSN).



Standard Products

ITEM	TYPE	LOAD CURRENT	LOAD VOLTAGE	CONTROL VOLTAGE
PLESRT122400	1-PHASE SSR'S	12 A	240 V~RMS 50/60 HZ	24 VDC
PLESRT182400	1-PHASE SSR'S	18 A	240 V~RMS 50/60 HZ	24 VDC
PLESRAC25401	1-PHASE SSR'S	25 A	400 V~RMS 50/60 HZ	100-240 VAC
PLESRAC25402	1-PHASE SSR'S	25 A	400 V~RMS 50/60 HZ	24 VAC
PLESRAC25602	1-PHASE SSR'S	25 A	600 V~RMS 50/60 HZ	24 VAC
PLESRAC25601	1-PHASE SSR'S	25 A	600 V~RMS 50/60 HZ	100-240 VAC
PLESR0254000	1-PHASE SSR'S	25 A	400 V~RMS 50/60 HZ	24 VDC
PLESR0254001	1-PHASE SSR'S	25 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLESR0256000	1-PHASE SSR'S	25 A	600 V~RMS 50/60 HZ	24 VAC
PLESR0256001	1-PHASE SSR'S	25 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLESR0404000	1-PHASE SSR'S	40 A	400 V~RMS 50/60 HZ	24 VDC
PLESRAC40401	1-PHASE SSR'S	40 A	400 V~RMS 50/60 HZ	100-240 VAC
PLESRAC40402	1-PHASE SSR'S	40 A	400 V~RMS 50/60 HZ	24 VAC
PLESR0404001	1-PHASE SSR'S	40 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLESRAC40602	1-PHASE SSR'S	40 A	600 V~RMS 50/60 HZ	24 VAC
PLESR0406000	1-PHASE SSR'S	40 A	600 V~RMS 50/60 HZ	24 VDC
PLESRAC40601	1-PHASE SSR'S	40 A	600 V~RMS 50/60 HZ	100-240 VAC
PLESR0406001	1-PHASE SSR'S	40 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLESRAC60401	1-PHASE SSR'S	60 A	400 V~RMS 50/60 HZ	100-240 VAC
PLESR0604000	1-PHASE SSR'S	60 A	400 V~RMS 50/60 HZ	24 VDC
PLESRAC60402	1-PHASE SSR'S	60 A	400 V~RMS 50/60 HZ	24 VAC
PLESR0604001	1-PHASE SSR'S	60 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLESRAC60602	1-PHASE SSR'S	60 A	600 V~RMS 50/60 HZ	24 VAC
PLESRAC60601	1-PHASE SSR'S	60 A	600 V~RMS 50/60 HZ	100-240 VAC
PLESR0606000	1-PHASE SSR'S	60 A	600 V~RMS 50/60 HZ	24 VDC
PLESR0606001	1-PHASE SSR'S	60 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLESRAC80401	1-PHASE SSR'S	80 A	400 V~RMS 50/60 HZ	100-240 VAC
PLESR0804000	1-PHASE SSR'S	80 A	400 V~RMS 50/60 HZ	24 VDC
PLESRAC80402	1-PHASE SSR'S	80 A	400 V~RMS 50/60 HZ	24 VAC
PLESR0804001	1-PHASE SSR'S	80 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLESR0806000	1-PHASE SSR'S	80 A	600 V~RMS 50/60 HZ	24 VDC
PLESRAC80601	1-PHASE SSR'S	80 A	600 V~RMS 50/60 HZ	100-240 VAC
PLESRAC80602	1-PHASE SSR'S	80 A	600 V~RMS 50/60 HZ	24 VAC
PLESR0806001	1-PHASE SSR'S	80 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0254000	3-PHASE SSR'S	25 A	400 V~RMS 50/60HZ	24 VDC
PLETR0254001	3-PHASE SSR'S	25 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0256000	3-PHASE SSR'S	25 A	600 V~RMS 50/60HZ	24 VDC
PLETR0256001	3-PHASE SSR'S	25 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0404000	3-PHASE SSR'S	40 A	400 V~RMS 50/60HZ	24 VDC
PLETR0404001	3-PHASE SSR'S	40 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0406000	3-PHASE SSR'S	40 A	600 V~RMS 50/60HZ	24 VDC
PLETR0406001	3-PHASE SSR'S	40 A	600 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0604000	3-PHASE SSR'S	60 A	400 V~RMS 50/60HZ	24 VDC
PLETR0604001	3-PHASE SSR'S	60 A	400 V~RMS 50/60 HZ *)	100-240 VAC
PLETR0606000	3-PHASE SSR'S	60 A	600 V~RMS 50/60HZ	24 VDC
PLETR0606001	3-PHASE SSR'S	60 A	600 V~RMS 50/60 HZ *)	100-240 VAC

*) with over heating alarm