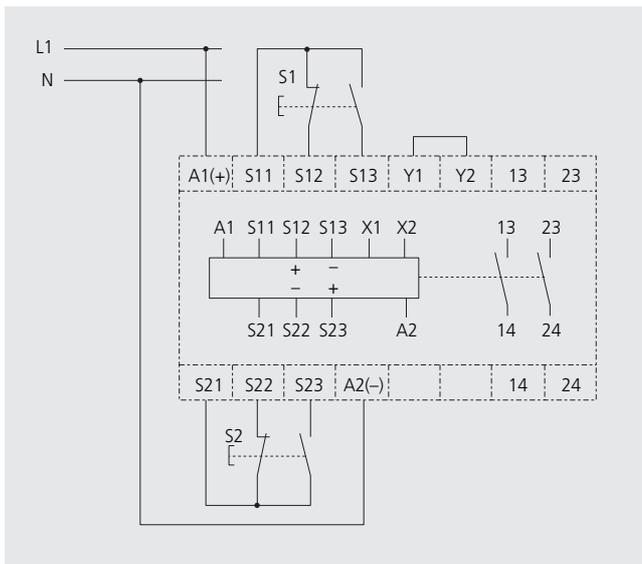
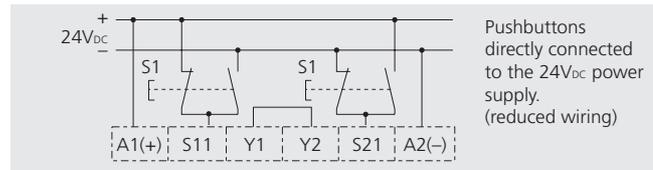


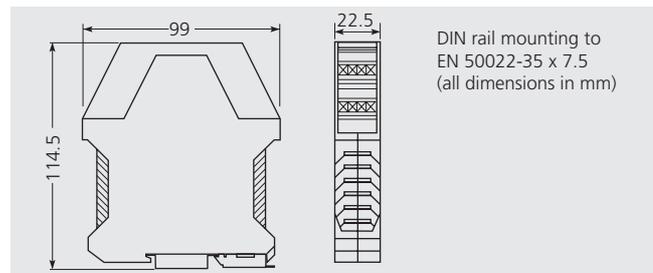
Wiring Diagram



Wiring Variation



Dimensional Diagram



Technical Data

Rated voltage	230 / 115 / 24VAc; 30 / 24Vdc
Voltage range	0.8 to 1.1 x rated voltage, (0.8 to 1 x at 30V type)*
Power consumption	Approx. 2W
Rated insulation voltage	250V
Creep distance and gaps	Overtension category III, Pollution level 2 to DIN VDE 0110-1 (04/97)
Test voltage	2.5kV
Ambient temperature	-5 °C to +55 °C
Mode of protection	Terminals IP 20, IP 40 casing to DIN VDE 0470-1
Switching capacity	250VAc; 1250VA / 24Vdc; 120W, preferably with spark arrest
Thermic current Ith	Max. 1 x 6A or 2 x 4A
Utilisation category	AC-15 250V 5A; DC-13 24V 3A
Response time	Approx. 20ms
Release time	Approx. 20ms
Recovery time	> 500ms
Load via hand- pushbutton contacts	N/O contacts 25V / 17mA N/C contacts 30V / 11mA
Output contacts	2 N/O safety contacts
Mechanical lifetime	10 ⁷ switching cycles
Switch material	AgSnO ₂ , 0.5µ Au
Terminals	Terminal box with wire protection
Line cross section	2.5 mm ²
Control circuit	Approx. 24Vdc
Contact protection	Screwed-type fuse max. 6A slow blow Auto circuit breaker max. C10A quick break
Weight	260g; 24V type: 210g

Standards and Regulation

EN 292-1 (11/91)	Safety of Machines Terms, General
EN 292-2 (06/95)	Design Guidelines
EN 954-4 (03/97)	Safety of Machines Safety-relevant Control Device Components
EN 894-1 (04/97)	Safety of Machines Ergonomic Requirements for the Design of Displays and Actuators
EN 999 (12/98)	Safety of Machines Hand / Arm Speed
EN 1050 (01/97)	Safety of Machines Risk Evaluation
EN 602044 (11/98)	Safety of Machines Electrical Equipment of Machines
EN 574 (02/97)	Safety of Machines Two-hand Circuits
ZH 1/456 (02/78)	Trade Association Regulations [Berufsgenossenschaft]
ZH 1/457 (02/78)	Trade Association Regulations [Berufsgenossenschaft]
EN 692 (96)	Mechanical Presses Safety
EN 693 (95)	Hydraulic Presses Safety

Models and Ordering Data

Supply voltage	230VAc	115VAc	24VAc	24Vdc	30Vdc *
Type F125	Order-No.				
Fixed terminals	075 00015	075 00016	075 00017	075 00018	075 00019
Removable terminals	075 00032	075 00033	075 00034	075 00035	075 00036

* 30Vdc = Bridge rectifier supply, not filtered

