

Auxiliary switches and signal contacts

Description, Technical data

General

The auxiliary switches and signal contacts are snapped on to the left of the protective devices. On the miniature circuit breakers an optional mounting on the right is also possible. For auxiliary switches and signal contacts supplied via SMISSLINE auxiliary busbars LA or LB a version with integrated contacting pieces is available. Conventional supply via the terminals of the auxiliary devices is possible.



Function

The auxiliary switch works in the same way as the main contacts. The signal contact only operates when the protective device trips.

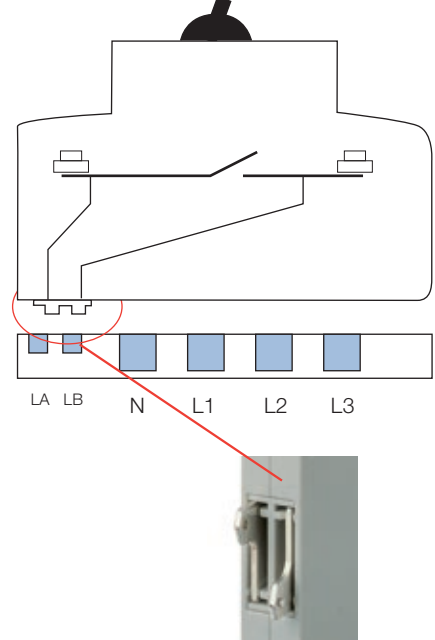
This can be simulated with the white test button. Each time the signal contact is tripped, it must be reset to its starting position using the orange-coloured reset button.

Auxiliary switch and signal contacts have special contacts which ensure high switching reliability even in systems with low voltages or low currents (PLC, signal systems etc.).

Technical data for auxiliary switch and signal contact

Rated voltage U_n :	400 V
Rated impulse withstand voltage:	4 kV
Rated current:	
– I_n :	6 A
– AC15	2 A/230 V / 1 A/400 V
– DC13	0.55 A/125 V=
– DC13	0.27 A/250 V=
Minimum current/voltage: (to ensure reliable electrical operation)	10 mA 12 V=
Connection cross-sections:	2 x 1.5 mm ² strand with sleeve
Plastic parts:	Free of halogen und cadmium
Internal resistance R_i :	0.0065 Ω
Power loss at rated current P_v :	0.24 W
Ambient temperature:	T_{max} +55 °C T_{min} –25 °C
Tightening torque:	1 Nm

Signal or auxiliary contact Collective alarm



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