

Trip Flag

Trip indicator relay for trip display



Trip Flag

Product features

- Suitable for connection to CT powered protection relays in gas-insulated medium voltage switchgears
- 2 drop indicators (black/red)
 - OC relay trip: Overcurrent relay trip
 - ETFS trip: External trip forced switch
- Controllable via electrical impulse output
- 2 changeover contacts per relay, self-holding
- Test/reset function for indicator and relay contacts via rotary knob

The Trip Flag is a drop indicator relay for two independent indications. It is suitable for the trip display of CT powered protection devices with electrical impulse output.

In addition to the display, output relays are activated. Each output has 2 changeover contacts. The output contacts and the display are latching and are reset manually via a rotary knob.

The Trip Flag is suitable for protection devices from Woodward (WIC1, WIB1, WIP1).

For devices of other manufacturers the electrical impulse of the outputs of the protection relays needs to be 24 V DC and $E \geq 0.01$ Ws.

Technical data	Trip Flag
Indication	2 trip displays (black/red)
Remote signal	2 changeover contacts per trip display
Remote contact	Potential-free contacts, bistable Contact capacity: 230 V AC/1 A/62.5 VA max.; 220 V DC/1 A/60 W max.
Input signal	Electrical impulse, 24 V DC ≥ 0.01 Ws
Test/Reset	Manually via rotary knob
Housing	Polycarbonate, IP40 front panel, IP20 terminals
Temperature range	-30 to +70 °C

Dimension drawing in catalogue on page 158, M4

Equipment set	Accessories
1 display unit Trip Flag	Order no. 49-9010-001
	Wall-mounted housings
	Disassembly clip
	Spring clip

Accessories

For short-circuit and earth fault indicators and integrated voltage detecting systems

Wall-mounted housings

for the installation of short-circuit and earth fault indicators as well as integrated voltage detecting systems outside the switchgear



W x H x D
125 x 75 x 125 mm
Order no.
49-9001-001 bottom cable entry
49-9001-002 rear cable entry



W x H x D
125 x 175 x 125 mm
Order no.
V49-9001-004-001
incl. earthing bar



W x H x D
125 x 75 x 75 mm
Order no.
49-9001-006



W x H x D
290 x 77 x 200 mm
Order no.
V49-9001-007-001
incl. earthing bar

External signal lamps

for installation outside the switchgear



3 LEDs	Order no.
5 m connection cable, with battery, for permanent contact	49-0702-005
10 m connection cable, with battery, for permanent contact	49-0702-010
15 m connection cable, with battery, for permanent contact	49-0702-015



Bicolour 3 LEDs red/green	Order no.
3 m connection cable, with battery	49-0706-001



Bicolour 1 LED red/green	Order no.
2 m connection cable, with battery, without fibre optic cable (see page 57)	49-0704-001

Installation system

for Sigma D series and ComPass series



	Order no.
Tablet for parameter setting during installation or monitoring, incl. cover, pencil, power supply and USB cable	49-6022-010

Temperature sensor PT100



	Order no.
Temperature range	-50 to +180 °C
Dimension	6 x 50 mm
Cable length	10 m (silicone, 2 ferrules)
Protection degree	IP65

Fibre optic cables



	Order no.
Fibre optic cable 3 m (standard length for short-circuit CTs)	49-0602-009
Fibre optic cable 4 m (standard length for earth fault CTs)	49-0602-001
Fibre optic cable 1,8 m (standard length for external signal lamp)	49-6007-206

Accessories for Opto series



	Order no.
Cutting tool for fibre optic cables	49-0109-003



	Order no.
Transformer with cable for top-hat rail mounting (115 V – 230 V AC / 24 V – 48 V AC)	49-0921-002



	Order no.
Optical testing unit to excite the indicator for connection to the fibre optic cable plug	49-0109-002

Accessories for plug-in housing



	Order no.
Disassembly clip	49-9090-016
Disassembly clip for ComPass B 2.0 / Bs 2.0	49-9090-017



	Order no.
Spring clip suitable for 2 mm front plate thickness (standard)	49-9090-018
Spring clip suitable for 3 mm front plate thickness	49-9090-019