

# Measuring transducer MAXIMAT® SHR CS

- Designed for overflow and leakage sensors,  
MAXITOP and MAXIMAT®



## DESCRIPTION

This power supply and alarm signal relay SHR CS (DIN rail mounting) is designed for MAXITOP and MAXIMAT leakage and overflow transmitters. It assures a continuous survey of the measurement loop, a LED indicates the circuit status. The alarm signal drives 2 output relays to control 2 separates systems such as a horn and a flashing light.

## TECHNICAL FEATURES

Supply power:	230 V AC $\pm$ 10%, 50/60 Hz or 24 V DC $\pm$ 10%
Power consumption:	About 3 VA / 3 W
Ambient temperature:	-20 to +60° C
Housing:	22.5 x 75 x 110 mm, IP 40 for standard rail per DIN EN 50 022 (35 x 7.5 mm top-hat rail)
Terminals:	Screw terminals, IP 20 maximum wire cross-section 2.5 mm <sup>2</sup>
Relay outputs:	2 floating changeover contacts, maximum 250 V (50/60 Hz) 3 A, or 115 V DC, 0.5 A
Minimum load:	10 mA at 5V DC
Indicators:	Green LED operation Green LED relay pulled in Red LED overflow/leakage alarm Red LED interrupted circuit Red LED short-circuit
Delay time:	Release delay adjustable from 0.3 to 3 sec
Measuring circuit:	12 V DC maximum Short circuit 110 mA maximum Inductance <5 mH maximum Capacitance < 0.5 $\mu$ F maximum
Measuring cable	300 m maximum, wire cross-section 0.5 mm <sup>2</sup> minimum
CE mark:	In accordance with low-voltage directive (2006/95/EG), EMC directive (89/336/CEE) and standards EN 50 082-2: 1995, EN 55 011 (class A) 1998, EN 610010-1 1993
DIBT approval:	Z-65.11-122, Z-65.13-265, Z-65.13-294, Z-65.40-201 and Z-65.40-272 for leakage and overflow detection

## CODE NUMBERS AND REFERENCES

Code	Reference	Description
555 600	G	MAXIMAT SHR CS G, 230 V CA 50/60 Hz
555 610	D	MAXIMAT SHR CS D, 24 V DC galvanic insulated

**BAMO MESURES**

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