Trip amplifiers, Zener barriers

MK 330 GS

Description

The MK 330 GS trip amplifier compares the measurement signal at the input with the values set by means of the coding switches (0–99 %). If the measurement signal exceeds or falls below the set value, the corresponding output relay responds according to the selected function (relay energises or de-energises). The SMK 330 GS trip amplifier with supply also supplies the connected transducer.

Technical specifications

Housing
DIN rail housing
W x H x D 23 x 78 x 103 mm

Supply voltage
DC 20–253 V
AC 50–253 V

Inlet
0–10 V or (0)4–20 mA

Input resistance
50 Ohm/U 400 kOhm

Output
2 relay changeover contacts 250 V, 2 A, 100 VA
Function 2 max, 2 min or
1 max/min

Z 787

The Zener barrier limits the amount of energy transferred from the non-hazardous area to the hazardous area. It is used for evaluation of up to 2 signals from the hazardous area. No separate supply voltage required.

Housing
DIN rail housing
W x H x D: 12.5 x 115 x 110 mm

Supply voltage
Max. 28 V DC

Fuse rating
50 mA

Connection
2-channel
DC version
Positive polarity

Current circuits (max. data)
U_0 28 V
I_0 93 mA
P_0 650 mW

Nominal resistance
300 Ohm

Operating temperature range
-20/+60 °C

EC Type Examination Certificate
BAS 01 ATEX 7005
Ex II (1) GD [Ex ia] II C
Ex II (1) GD [Ex ia Ga] II C,
[Ex ia Da] III C

DG: H, PG: 4	Part no.	Price €
Trip amplifier MK 330 GS	53708	
Trip amplifier with power supply SMK 330 GS	53709	
Zener barrier Z 787	**31296**	

Blue part no. = in-stock items