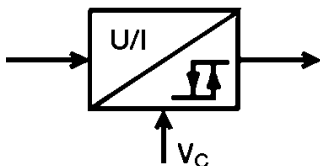


Threshold Monitoring

Current sensor

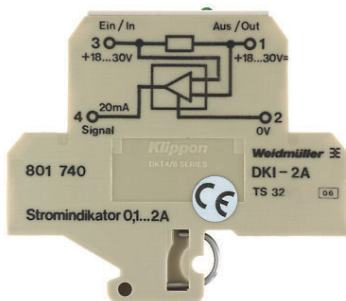
- Screw connection
- Wide spectrum of functions
- In part, individually adjustable



DKSC 0-10 V

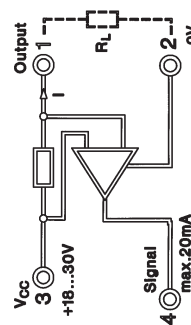
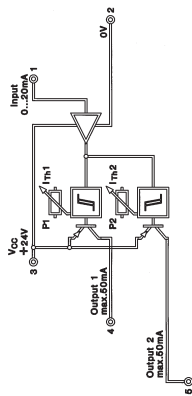
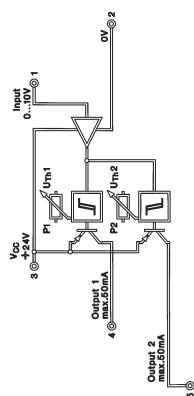
DKSC 0-20 mA

DKI 2A



Block diagram/settings

S1	S2	DIP switch
on	on	10...100 mV
on	off	30 mV...1 V
off	X	300 mV...10 V



Ordering data

for TS 32	
for TS 35	
with combi foot TS 32/TS 35	

Technical data

Input signal	
Input resistance	
Voltage drop, input	
Cut-off frequency	
Switchable input range	
Switching point settings	
Hysteresis	
Output	
Output level	
Output current	
Function	
Status LED	
Operating voltage	
Power consumption	
Galvanic isolation	
Voltage strength to mounting rail	
Operating temperature	
Storage temperature	
Overall width	mm (in.)
Conductor cross-section	

Type	Part No.
DKSC 0-10 V	8019640000
0...10 V	
60 kΩ	
100 Hz	
DIP switch for 3 ranges	
2 threshold Uth 1 and Uth 2 with 2 front potentiometers each 1%	
double switch output per PNP, Ub- 1.2 V	
50 mA	
Uin <Uth1: output 1 active	
Uin >Uth2: output 2 active	
no	
24 VDC ±20%	
approx. 15 mA	
no	
4 kVeff	
0°C...+50°C	
-25°C...+60°C	
6 (.24)	
0.5...4 mm ² (20...12 AWG)	

Type	Part No.
DKSC 0-20 mA	8031320000
0(4)...20 mA	
50 Ω	
1 V	
100 Hz	
2 threshold Uth 1 and Uth 2 with 2 front potentiometers each 1%	
double switch output per PNP, Ub- 1.2 V	
50 mA	
lin <lth1: output 1 active	
lin >lth2: output 2 active	
no	
24 VDC ±20%	
approx. 15 mA	
no	
4 kVeff	
0°C...+50°C	
-25°C...+60°C	
6 (.24)	
0.5...4 mm ² (20...12 AWG)	

Type	Part No.
DKI 2A	8017400000
DKI 2A	8017410000
0.1...2 A	
125 mV at 2 A	
no	
Fixed: ON >90 mA	
OFF <50 mA	
single switch output PNP, Ub-0.1 V	
20 mA	
green LED	
18...30 VDC	
approx. 10 mA	
no	
4 kVeff	
-25°C...+50°C	
-40°C...+85°C	
6 (.24)	
0.5...4 mm ² (20...12 AWG)	

EMC resistance

Burst acc. to EN 61000-4-4	Input/outputs	Test severity 4, self restoring
	Power supply	Test severity 4, self restoring
ESD acc. to EN 61000-4-2	Contact discharge	Test severity 4
	Air discharge	Test severity 3

Accessories

End plate	AP DK5	8268870000
Dimensions see	Page 336	

AP DK5	8268870000
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AP DK5	8268870000
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AP DKT4	0687560000
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