



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



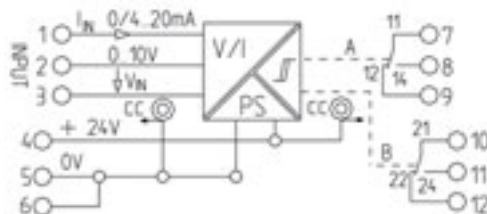
## Contact us

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#### General ordering data

Order No.	8543820000
Part designation	WAS5 DC/Alarm
Version	Limit value monitoring, 0(4)...20 mA , 0...10 V , 1 , 3 A , 2 , Screw connection
EAN	4032248181230
Qty.	1 pc(s).

#### Input

Input voltage	0...10 V
Input current	0(4)...20 mA
Input resistance	$\geq 100 \text{ k}\Omega$
Input resistance, current	$\leq 110 \Omega$
Number of inputs	1

#### Output

Output current	3 A
Continuous current	3 A
Function	Open-circuit/closed-circuit principle
Accuracy	Repeat accuracy: max. $\pm 0.3\%$ of end value (10 V / 20 mA)
Hysteresis	1...10 % (independent for channel 1 and channel 2)
Contact assembly	2 CO contacts
Contact material	AgNi 90/10
Switching thresholds	1...90% (independently for channel 1 and channel 2)
Switching voltage, max.	253 V AC
Status indicator	LED green ON: OK, LED red ON: alarm (per channel)
Temperature coefficient	$\leq 500 \text{ ppm/K}$
Number of outputs	2

#### General data

Function	Relay output
Input/Output	0...10 V, 0(4)...20 mA / 2 CO

**General data**

Galvanic isolation	3-way isolator
Type of connection	Screw connection
Mounting rail	TS 35
Weight	150 g
Power consumption	Typically 1 W both relays picked up
Current-carrying capacity of cross-connect.	≤ 2 A
Voltage supply	24 V DC ± 25 %
Default setting	Channel A/B: low trip and FAILSAFE
Ambient temperature (operational)	0°C...+55 °C (side by side)
Storage temperature	-20 °C...+85 °C

**Insulation coordination**

Standards	EN 50178
EMC standards	EN 61000-4-2, -3, -4, -5, -6
Insulation voltage input, output	2 kVeff / 5 s
Insulation voltage input or output/supply	1.2 kV / 5 s
Clearance & creepage distances	≥ 3 mm
Impulse withstand voltage	4 kV
Pollution severity	2
Overvoltage category	III
Rated voltage	300 V

**Dimensions**

Clamping range, max.	2.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, nom.	2.5 mm <sup>2</sup>
Length	92.4 mm
Height	112.4 mm
Width	17.5 mm

**Approvals**

Approvals institutes

**Classifications**

eClass 4.1	27-21-01-22
eClass 5.0	27-21-01-22
eClass 5.1	27-21-01-22

**Similar products**

Order No.	Part designation	Version
8543880000	WAZ5 DC/Alarm	Limit value monitoring, 0(4)...20 mA , 0...10 V , 1 , 3 A , 2 , Tension clamp connection