

WGZ 24Vdc 0.5...5A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



WAVEGUARD is a selective electronic fuse that eliminates negative effects on parallel current paths and cuts out only the defective circuit.

A reset input enables the load circuit to be reconnected again.

Faults are signalled via a visual indicator and a floating contact.

WAVEGUARD fuses are designed for rated currents between 1.6 and 8 A.

A version with an adjustable rated current from 0.5 to 5 A rounds off the range.

General ordering data

Version	WAVEGUARD, Electronic fuse
Order No.	8727630000
Type	WGZ 24Vdc 0.5...5A
GTIN (EAN)	4032248406937
Qty.	1 items
Delivery status	Discontinued
Available until	2016-12-31T00:00:00+01:00
Alternative product	WGS 24Vdc 0.5...5A

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E230683

Dimensions and weights

Depth	92.4 mm	Depth (inches)	3.6378 inch
Height	72 mm	Height (inches)	2.8346 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	103 g		

Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...55
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus)	E230683
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Input

Rated control voltage	24 V DC	Wire connection method	Tension-clamp connection
Reset	Impulse > 100 ms +24 V, falling edge ON	Rated current	0.5...5 A adjustable

Output

Wire connection method	Tension-clamp connection	Signalling delay	3.5 ms typ.
Status relay / CO contact	NC contact, max. 50 V / 0.05 A; for low voltage only!		

General data

Weight	100 g	Standards	DIN EN 50178
Protection degree	IP20	Status indication	LED green: OK, LED red: switched off
Sliding switch	OFF - wait 10 s - ON; on / off		

Signalling

Status indication	LED green: OK, LED red: switched off
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Classifications

ETIM 8.0

EC001080

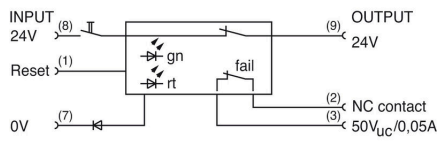
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Drawings

www.weidmueller.com

Electric symbol



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Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 2.5N/2 GE	Version
Order No.	1693800000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883621	
Qty.	60 ST	
Type	ZQV 2.5N/2 RT	Version
Order No.	1717900000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349288	
Qty.	60 ST	
Type	ZQV 2.5N/2 BL	Version
Order No.	1717990000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349295	
Qty.	60 ST	
Type	ZQV 2.5N/2 SW	Version
Order No.	1718080000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349301	
Qty.	60 ST	