

EG-Series
EGU4 EG3 24VUC 1,5A

Weidmüller Interface GmbH & Co. KG
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Three-stage overvoltage protection with GDT, MOV and suppressor diode for analogue signals, with 24 V, 48 V, 115 V or 230 V. Two signal lines are protected against each other and against earth with varistors and suppressor diodes. Special versions are available for protecting data lines.

General ordering data

Order No.	1170960000
Type	EGU4 EG3 24VUC 1,5A
Version	Surge protection for instrumentation and control, Rated voltage: 24 V
GTIN (EAN)	4008190030865
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Length	58 mm	Width	22.5 mm
Weight	74 g	Net weight	68.77 g

Temperatures

Operating temperature	-25 °C...+60 °C	Storage temperature	-25 °C...+85 °C
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General data

Design	Component housing	Height with TS 32	95 mm
Height with TS 35	91 mm	Mounting rail	TS 35
Protection degree	IP 20	Segment	Instrumentation and Control

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Interference voltage

Protection level on output side Wire-wire 1 kV/μs, typically	33 V	Protection level on output side Wire-wire 8/20 μs, typically	45 V
Protection level on output side Wire-PE 1kV/μs, typically	48 V	Protection level on output side Wire-PE 8/20 μs, typically	90 V

Protective elements

Gas discharge tube	Yes
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Technical data

Rated voltage (AC)	24 V	Rated voltage (DC)	24 V
Rated current	1.5 A	Rated voltage	24 V
Rated voltage (AC/DC)	24 V	Max. continuous voltage, U _c (AC)	27 V
Fuse, max.	1.5 A	Discharge current, max. (8/20 μs)	6 kA
Protection level on output side Wire-wire 8/20 μs, typically	45 V	Protection level on output side Wire-PE 8/20 μs, typically	90 V
AC/DC/UC	AC/DC	Operating voltage	34 V
Volume resistance	0.10 Ω	Cross-section	4 mm ²
Limiting frequency (-3 dB) at load resistance	250 kHz		

Connection data

Clamping range, rated connection	4 mm ²	Clamping range, rated connection, max.	4 mm ²
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.7 Nm
Wire connection cross section, finely stranded, max.	2.5 mm ²		

Classifications

ETIM 2.0	EC000943	ETIM 3.0	EC000943
UNSPSC	30-21-19-21	eClass 4.1	27-13-08-01
eClass 5.1	27-13-08-01	eClass 6.0	27-13-08-02
eClass 7.0	27-27-09-90		

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Technical data

Approvals

Approvals



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Declaration of Conformity

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