

Overvoltage protection for data interface

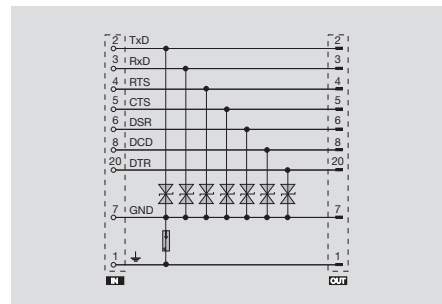
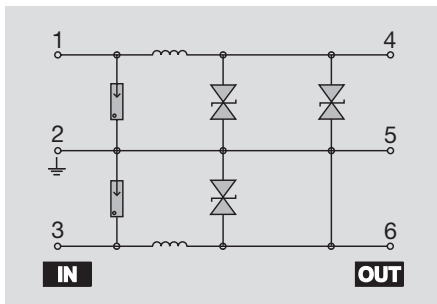
RS232

RS232

RS232

EGU 4 RS232

RS232 adapter plug



Technical data

Technical specification

Rated voltage U_n (AC)
 Operating voltage U_c (ac), max.
 Operating current, I_{max}
 Volume resistance
 Baud rate
 Response time
 Gas discharger
 Varistor
 Suppressor diodes
 Cut-off freq. (-3dB) at load impedance
 Leakage current, max. (8/20 μ s)
 On output side, sym. 1kV/ μ s input, typical
 On output side sym, at Input 8/20 μ s, typical
 On the output side, unsymmetrical, Input 1kV/ μ s, typ.
 On output side usym., Input 8/20 μ s, typical
 Design
 Type of connection
 Stor. temp. min./Storage temp., max.
 Oper. temp. min./Oper. temp. max.

Rated voltage U_n (AC)	12V
Operating voltage U_c (ac), max.	15V
Operating current, I_{max}	0.05A
Volume resistance	1.30 Ω
Baud rate	\leq 9600 Bd
Response time	\leq 5 ns
Gas discharger	Yes
Varistor	No
Suppressor diodes	Yes
Cut-off freq. (-3dB) at load impedance	30.0kHz 600 Ω
Leakage current, max. (8/20 μ s)	5kA
On output side, sym. 1kV/ μ s input, typical	20V
On output side sym, at Input 8/20 μ s, typical	32V
On the output side, unsymmetrical, Input 1kV/ μ s, typ.	20V
On output side usym., Input 8/20 μ s, typical	32V
Design	integral housing
Type of connection	screw connection
Stor. temp. min./Storage temp., max.	-25°C/85°C
Oper. temp. min./Oper. temp. max.	-25°C/60°C

Rated voltage U_n (AC)	12V
Operating voltage U_c (ac), max.	15V
Operating current, I_{max}	0.10A
Volume resistance	1 Ω
Baud rate	\leq 19200 Bd
Response time	\leq 5 ns
Gas discharger	Yes
Varistor	No
Suppressor diodes	Yes
Cut-off freq. (-3dB) at load impedance	30.0kHz 1200 Ω
Leakage current, max. (8/20 μ s)	0.50kA
On output side, sym. 1kV/ μ s input, typical	20V
On output side sym, at Input 8/20 μ s, typical	28V
On the output side, unsymmetrical, Input 1kV/ μ s, typ.	20V
On output side usym., Input 8/20 μ s, typical	28V
Design	adapter plug
Type of connection	
Stor. temp. min./Storage temp., max.	-40°C/60°C
Oper. temp. min./Oper. temp. max.	-20°C/55°C

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

screw connection

2.50 / 0.50 / 4
 58 x 22.5 x 95

64 x 56.0 x 16.50

Information

Protection for data lines RxD TxD and Gnd

Ordering data

Version

Type	Qty.	Order No.
EGU4 EG3 RS232 DATENLTG	1	1170460000

Type	Qty.	Order No.
RS232-8 B/S25	1	8570500000
RS232-8 S/B25	1	8570510000

Information

ZS-RS 232/B-S cable-sided 25pol SUB D socket unprotected
 ZS-RS 232/S-B cable-sided 25pol SUB D plug unprotected

Accessories

Information

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
 Delivery times see page X.2