

Technical data

Model ExTerm

Marking to 94/9/EC	Ⓔ II G Ex de IIC
EC-Type Examination Certificate	PTB 04 ATEX 1007 U
Application temperature ¹⁾	-55 °C up to +55 °C
Rated voltage	400 V
Rated current	6.3 A
Rated cross section	max. 2.5 mm ²
Dimensions (L x W x H)	93 x 17.5 x 80 mm
Weight	115 g
Contact material	gold-plated silver alloy nickel plated brass

Model ExTerm - R | ExTerm - 2R Resistor

Resistor values	1 Ω ... 22 MΩ 0.5 W
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Model ExTerm - T-Terminator for foundation Fieldbus or Profibus PA

Fieldbus	Foundation Fieldbus (Profibus PA) IEC 1158-2 (Profibus MBP)
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Model ExTerm - K Relays

Rated switching capability (ohmic load)	6 A, 250 V AC
Max. switched load	1500 VA
Max. switched voltage	400 V AC 300 V DC
Max. switched current	6 A (AC)
Contact resistance at 6 V - 1 A	100 mΩ
Coil turn on power (at 25 °C, 50 % humidity)	170 mW
Isolation resistance	min. 1000 mΩ at 500 V DC
Isolation voltage	1000 Vms between contacts
Isolation voltage	4000 Vms between contacts and coil
Response time	ca. 5 ms, max. 8 ms
Off delay	ca. 2.5 ms, max. 4 ms
Life expectancy mechachical	5 x 10 ⁶
Life expectancy electrical	Normally open contact: 5 x 10 ⁴ Normally closed contact: 3 x 10 ⁴
Contact material	Silver alloy

Model ExTerm - F Fuse

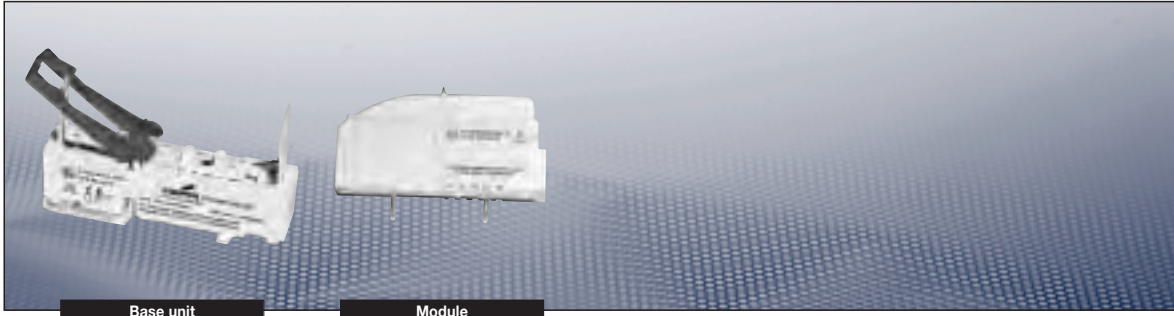
Fuse rating	see table
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Model ExTerm - D Diode

Diode rating	1 A, 250 V
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¹⁾ depends on installation conditions

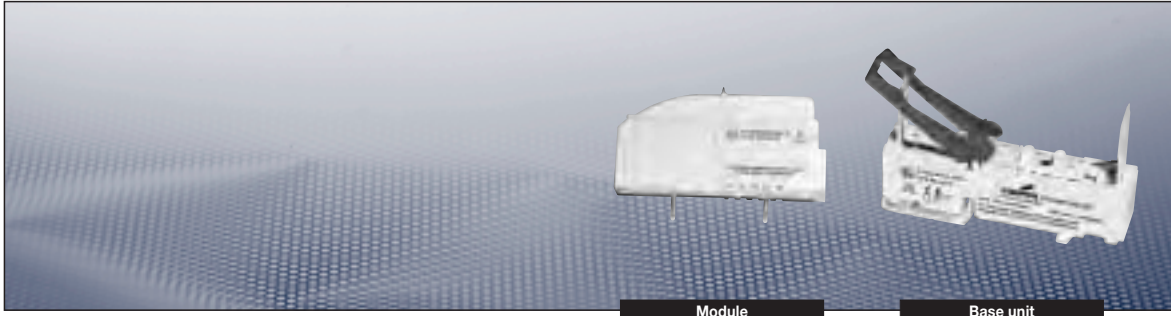
| Model ExTerm - R |



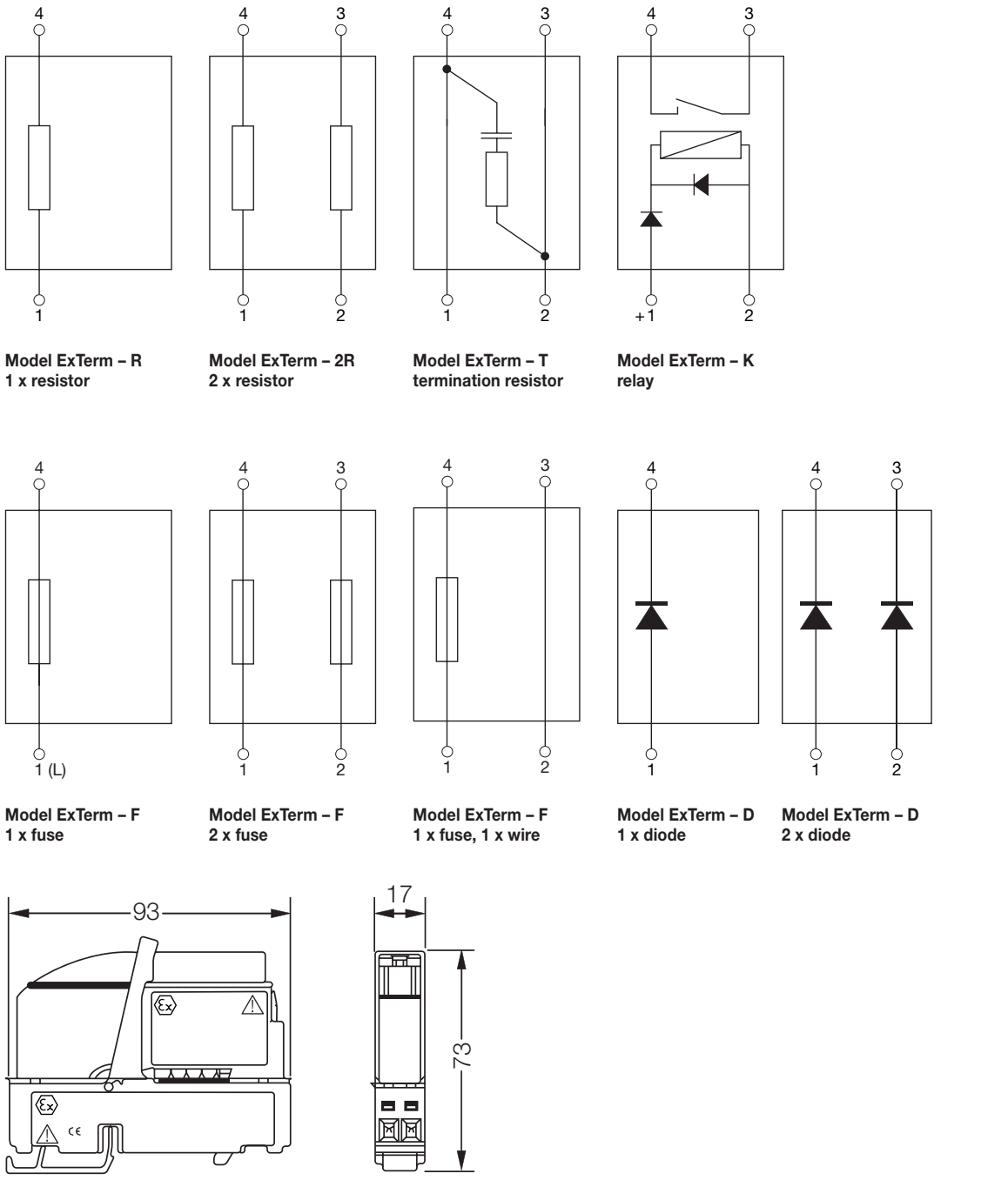
Ordering details

Resistor values	Module	Base unit	Order No.
1 x 1 R 00	X		GHG 101 0031 R1001
1 x 1 R 5	X		GHG 101 0031 R1501
1 x 2 R 21	X		GHG 101 0031 R2211
1 x 3 R 32	X		GHG 101 0031 R3321
1 x 4 R 75	X		GHG 101 0031 R4751
1 x 6 R 81	X		GHG 101 0031 R6811
1 x 10 R 0	X		GHG 101 0031 R1002
1 x 15 R 0	X		GHG 101 0031 R1502
1 x 22 R 1	X		GHG 101 0031 R2212
1 x 33 R 2	X		GHG 101 0031 R3322
1 x 47 R 5	X		GHG 101 0031 R4572
1 x 68 R 1	X		GHG 101 0031 R6812
1 x 100 R	X		GHG 101 0031 R1003
1 x 150 R	X		GHG 101 0031 R1503
1 x 221 R	X		GHG 101 0031 R2213
1 x 332 R	X		GHG 101 0031 R3323
1 x 475 R	X		GHG 101 0031 R4753
1 x 681 R	X		GHG 101 0031 R6813
1 x 1 K 0	X		GHG 101 0031 R1004
1 x 1 K 50	X		GHG 101 0031 R1504
1 x 2 K 21	X		GHG 101 0031 R2214
1 x 3 K 32	X		GHG 101 0031 R3324
1 x 4 K 75	X		GHG 101 0031 R4754
1 x 6 K 81	X		GHG 101 0031 R6814
1 x 10 K	X		GHG 101 0031 R1005
1 x 15 K	X		GHG 101 0031 R1505
1 x 22 K 1	X		GHG 101 0031 R2215
1 x 33 K 2	X		GHG 101 0031 R3325
1 x 47 K 5	X		GHG 101 0031 R4755
1 x 68 K 1	X		GHG 101 0031 R6815
1 x 100 K	X		GHG 101 0031 R1006
1 x 150 K	X		GHG 101 0031 R1506
1 x 221 K	X		GHG 101 0031 R2216
1 x 332 K	X		GHG 101 0031 R3326
1 x 475 K	X		GHG 101 0031 R4756
1 x 681 K	X		GHG 101 0031 R6816
1 x 1 M	X		GHG 101 0031 R1007
1 x 1 M 50	X		GHG 101 0031 R1507
1 x 2 M 21	X		GHG 101 0031 R2217
1 x 3 M 32	X		GHG 101 0031 R3327
1 x 4 M 75	X		GHG 101 0031 R4757
1 x 6 M 81	X		GHG 101 0031 R6817
1 x 10 M	X		GHG 101 0031 R1008
1 x 22 M 1	X		GHG 101 0031 R2218
Accessories: 2 pole base unit		X	GHG 101 0002 R0001

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Internal wiring / Dimension drawing



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Dimensions in mm

1
2
3
4
5
6
7
8
9
10
11
12