



(1) **EC- TYPE- EXAMINATION CERTIFICATE**
(Translation)

(2) Equipment and protective systems intended for use in potential explosive Atmospheres – **Directive 94/9/EC**

(3) EC- type- examination Certificate number



TÜV 02 ATEX 1824

(4) Equipment: Disconnector unit type SR853...

(5) Manufacturer: Gönzheimer Elektronik GmbH

(6) Address: D-Neustadt/Weinstraße, Dr. Julius Leber-Str. 2

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Hannover/Sachsen-Anhalt e.V., TÜV CERT-Zertifizierungsstelle, notified body No. 0032 in accordance with Article 9 of the Council Directive 94/9/EC of March 1994, certifies that equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report No. 01 PX 07210

(9) Compliance with to essential Health and Safety Requirements has been assured by compliance with:

EN 50 014:1997 EN 50 017:1998 EN 50 019:2000

(10) If the sign "X" is places after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC- type- examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

 **II 2 G EEx e q II T4**

TÜV Hannover/Sachsen-Anhalt e.V.
TÜV CERT-Zertifizierungsstelle
Am TÜV 1
D-30519 Hannover

Hannover,03.07.2002



Der Leiter



(13)

SCHEDULE

(14)

EC- TYPE-Examination CERTIFICATE No. TÜV 02 ATEX 1824

(15)

Description of equipment

The disconnecter unit type SR853... serves to disconnect non intrinsically safe interface signals. It works together with a pressurized enclosure system. The powder filled enclosure must be mounted in a certified enclosure with protection type increased safety.

The maximum ambient temperature is 60°C.

Electrical details

Supply circuit (Terminal 1,8 to 2, 9)	U ≤ 230 V AC, resp. 24 V DC, acc. to declaration U _m = 253 V , I _m = 16 A
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Relay contacts (Terminals 4 ..7, 11 ..14)		AC	DC
	U	≤ 420 V	≤ 28 V
	I	≤ 16 A	≤ 16 A
	Power	≤ 4000 VA (cos φ=0,7)	---

(16)

Report No. 02 YEX 162744

(17)

Special conditions for safe area

None

(18)

Essential health and safety requirements

No additional