



(1) **EU-Type Examination Certificate**

(2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**

(3) Certificate number: **SEV 18 ATEX 0130 X**

(4) Product: **Cable Reel Ex Type 573**

(5) Manufacturer: **Gifas-Electric GmbH**

(6) Address: **Dietrichstrasse 2, 9424 Rheineck, SWITZERLAND**

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

(8) Eurofins, notified body No. 1258, in accordance with article 17 of Directive 2014/34/EU of the European parliament and of the council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no 18-Ex-0072.01

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 60079-0:12 + A11:13 EN 60079-1:14 EN 60079-7:15

Except in respect of those requirements listed at item 18 of the schedule.

(10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate.

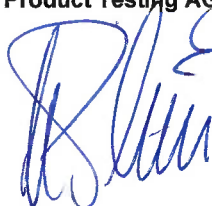
(11) This EU type examination certificate relates only to design and construction of the specified product. Further requirements of this directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

 **II 2G Ex db eb IIC T6 Gb**

Eurofins Electrosuisse Product Testing AG
Notified Body ATEX

Martin Plüss
Product Certification



(13)

Appendix

(14)

EU-Type Examination Certificate no. SEV 18 ATEX 0130 X

(15) **Description of product**

The cable reel Ex Type 573 is designed for use in industrial applications and meets the requirements of equipment group 2 for use in potentially explosive atmospheres of Zone 1 and 2 with the gas group IIC and temperature class T6.

The plugs and sockets are designed in type of protection flameproof enclosure "d" and the terminal compartment in the ignition protection Increased Safety "e".

Rating(s)

Rated voltage: max. 750 V, 50/60 Hz

Rated current: max. 32 A

Protection: IP66

Classification of installation: portable

Rated ambient temperature: $-20\text{ °C} \leq T_a \leq +40\text{ °C}$

Type code

Standard:

Art.-Number	Voltage / Current	Cable length	Type of cable	Ex-Plug	Ex-Flange Socked
860633	230 / 16A	25	Proflex 3x2.5 mm ²	CEAG 1L+N+E	2x CEAG 1L+N+E
860634	230/400V / 16A	25	Proflex 5x2.5 mm ²	CEAG 3L+N+E	1x CEAG 1L+N+E 1x CEAG 3L+N+E
860635	400V / 32A	20	Proflex 5x6 mm ²	CEAG 3L+N+E	1x CEAG 3L+N+E
860636	230 / 16A	25	Proflex 3x2.5 mm ²	STAHL 1L+N+E	2x STAHL 1L+N+E
860637	230/400V / 16A	25	Proflex 5x2.5 mm ²	STAHL 3L+N+E	1x STAHL 1L+N+E 1x STAHL 3L+N+E
860638	400V / 32A	20	Proflex 5x6 mm ²	STAHL 3L+N+E	1x STAHL 3L+N+E
860639	230 / 16A	25	Proflex 3x2.5 mm ²	Appleton 1L+N+E	2x Appleton 1L+N+E
860640	230/400V / 16A	25	Proflex 5x2.5 mm ²	Appleton 3L+N+E	1x Appleton 1L+N+E 1x Appleton 3L+N+E
860641	400V / 32A	20	Proflex 5x6 mm ²	Appleton 3L+N+E	1x Appleton 3L+N+E

Extended:

860673	230V / 16A	50	Proflex 3x2.5 mm ²	CEAG 1L+N+E	1x CEAG 1L+N+E
860674	400V / 16A	30	Proflex 5x2.5 mm ²	CEAG 3L+N+E	1x CEAG 3L+N+E
860675	230V / 16A	30	Proflex 3x2.5 mm ²	STAHL 1L+N+E	1x STAHL 1L+N+E
860676	400V / 16A	30	Proflex 5x2.5 mm ²	STAHL 3L+N+E	1x STAHL 3L+N+E
860677	230V / 16A	30	Proflex 3x2.5 mm ²	Appleton 1L+N+E	1x Appleton 1L+N+E
860678	230V / 16A	50	Proflex 3x2.5 mm ²	Appleton 1L+N+E	1x Appleton 1L+N+E

(16) **Report number** 18-Ex-0072.01

(17) **Specific conditions of use**

In order to exclude an impermissible heating, the explosion-proof cable reel may be operated only with a completely unwound cable.

Instructions for operation

The cable reel should be visually inspected before each use. Defective cables or cable reels may no longer be used.

Repairs may only be carried out by competent persons and with original parts.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and Documents**

See test report "Manufacturer's Documents"