



[1] **EU – TYPE EXAMINATION CERTIFICATE**

[2] Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: **FIDI 21 ATEX 0064** Issue: **1**

[4] Product: **Regolus and Phoenix switchgears**
Type: **SQ... ; SE...; P0...; PX...; C0... and CX...**

[5] Manufacturer: **Giovenzana International B.V.**

[6] Address: **WTC Strawinskyiaan 1105, 1077 XX – Amsterdam, Netherlands**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

[8] FIDITAS Ltd., Notified Body number 2829 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 of the Directive.

The examination and test results are recorded in confidential Report No: **FIDI 21 CR 051**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 **EN 60079-31:2014**

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 subject to Specific Conditions of Use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the design, examination and test of the specified product in accordance with Annex III. Further requirements of the Directive apply to the manufacturing process and supply of this products. These are not covered by this certificate.

[12] The marking of the product shall include the following:

 **II 2D Ex tb IIIC T85°C Db**

Our ref.: 21.CRT.329

Date: 08.09.2022.



FIDITAS Ltd.
Certification department
Approved:

Marino Kelava, M.E.Eng.



[13]

SCHEDULE

[14] **EU - TYPE EXAMINATION CERTIFICATE No.:**

FIDI 21 ATEX 0064

[15] **Description of product**

The REGOLUS series switchgear types of SQ... and SE... and the PHOENIX series types P0..., PX..., C0... and CX... are composed of switching modules with integrated terminals enclosed by the type of protection "tb" enclosure made of cast aluminium alloy.

Low power switch disconnectors in metallic enclosures Regolus Ex series are divided according to switch disconnector used, enclosure dimension and colours as shown in below table.

Type marking code of each switch include main code (SQ; SE; PO, PX or CO) and additional designation depending on electrical rated data, colour and dimension of enclosure.

REGOLUS EX

SERIES	No. POLES	Ith [A]	Vn [V]
SQ025	3P	32	690
SQ025	3P	32	690
SQ032	3P	40	690
SQ032	3P	40	690
SQ040	3P	63	690
SQ040	3P	63	690
SQ063	3P	80	690
SQ063	3P	80	690
SE63	3P	63	690
SE63	4P	63	690
SE63	3P	63	690
SE63	4P	63	690
SE80	3P	86	690
SE80	4P	86	690
SE80	3P	86	690
SE80	4P	86	690
SE100	3P	86	690
SE100	4P	86	690
SE100	3P	86	690
SE100	4P	86	690



PHOENIX EX

SERIES	No. POLES	I _{the} [A]	AC-22A 690 V [A]	AC-23A 400 V [A]
P012	2P to 6P	12	12	10
P016	2P to 6P	16	16	14
P020	2P to 6P	20	20	16
PX12	2P to 6P	12	12	10
PX16	2P to 6P	16	16	14
PX20	2P to 6P	20	20	16
C025	2P to 4P	25	25	22
C032	2P to 4P	32	32	24
C040	2P to 4P	40	40	32
CX25	2P to 4P	25	25	22
CX32	2P to 4P	32	32	24
CX40	2P to 4P	40	40	32

Technical data:

Maximal voltage [U_{emax}]: 690 V
Maximal current [I_{max}]: 86 A
Ambient temperature: -20°C to +55°C
Mechanical protection: IP 65

Warning markings:

“DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT”
„WARNING – T CABLE = 90°C”

[16] Confidential Report No. FIDI 21 CR 051

[16.1] Routine testing

None

[17] Specific Conditions of Use

None

[18] Essential Health and Safety Requirements

Covered by the conformity with harmonized standards listed under item 9.



[19] Drawings and Documents

Title:	Drawing No.:	Rev. level:	Date:
Technical File Regulus Ex series disconnecter in metallic Box Ex 'tb' execution	Doc.N.°I.4.20.10	01	01.2022.
Standard compliance gap analysis	TN_142010_Annex 8_Gap_0	/	01.2022.
Safety, Use and Maintenance Instructions	I.4.20.06	03	01.2022.
General label for switch disconnecter enclosure	132027EX	03	18.02.2022.
General label for cam switch enclosure ATEX	132032EX	01	18.02.2022.
Cam switch metal box PO-PX-CO-CX-EX - ATEX	PO-PX-CO-CX-EX	00	20.12.2017.
Main switch black knob – ATEX	11706368	00	01.12.2014.
Pushbutton seal	11708221	02	13.07.2015.
Gasket for push button	11708369	01	03.07.2015.
Metallic grey cover for disconnecter	11814070	00	28.04.2015.
Metallic yellow cover for disconnecter	11814071	00	28.04.2015.
Metallic bottom for switch disconnecter – ATEX	11814072	00	28.04.2015.
Yellow metallic cover SQ40-63A-ATEX	11820009	00	28.04.2015.
Grey metallic cover SQ40-63A-ATEX	11820010	00	28.04.2015.
Black metallic box SQ40-63A-ATEX	11820011	00	28.04.2015.
Seal cover	11901070	00	05.11.2013.
Seal cover	11901071	01	27.11.2014.
Metallic shaft for switch disconnecter	14000072	01	13.07.2015.
Black knob for cam switch 63-85A-ATEX	15011060	00	03.10.2006.
Black metallic box SQ-SE 40-801A HOLED – ATEX	20100148	00	06.02.2015.
Metallic bottom switch disconnecter holed 16-32A – ATEX	20100149	00	06.02.2015.
Switch disconnecter metal box SQ 25-32A 3P ATEX	SQ25032DEX	00	01.12.2014.
Switch disconnecter metal box SQ 40-63A 3P ATEX	SQ400632DEX	00	04.02.2015.
Plate wire clamp	15010022	01	13.07.2015.
Panel mounting shaft	15011004	02	01.03.2016.
Switch disconnecter metal ox SE 63-100A 3-4P ATEX	SE63100BEX	00	04.02.2015.