

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 EU - Type Examination Certificate Number: **Baseefa14ATEX0256X – Issue 10**

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **Euroswitch Type ES & FS Proximity Switches**

5 Manufacturer: **Longvale Limited**

6 Address: **Lancaster Park, Needwood, Burton-upon Trent, Staffordshire, DE13 9PD**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa14ATEX0256X** to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, 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.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **See certificate history.**

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

EN IEC 60079-0:2018 EN 60079-1:2014 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 the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the 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 2 GD Ex db IIC T6* Gb
Ex tb IIIC T85°C* Db (-20°C ≤ Ta ≤ +70°C)* IP66/67
*** alternative markings of T4/T135°C (-60°C ≤ Ta ≤ +120°C) and**
T3/T200°C (-20°C ≤ Ta ≤ +175°C) are permitted – See Schedule

SGS Fimko Oy Customer Reference No. **5323**

Project File No. **21/0380**

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Schedule

14

Certificate Number Baseefa14ATEX0256X – Issue 10

15 Description of Product

Type ES Proximity Switches

The Euroswitch Type ES Proximity Switches are manufactured in stainless steel or brass and comprise a variety of switch tube shapes and sizes, each containing a potted reed switch assembly and fitted with an integral cable or flying leads.

The potted reed switch assemblies are intended to be operated by proximity to an external magnet. The reed switches may be provided in 20W, 1A or 3A ratings.

The switch tubes are available in a range of lengths, from 55mm to 147mm long, and may have an external M18 x1, or 5/8-18 UNF or 3/4-16 UNF or 3/8" UNF thread for mounting/positioning the unit. Alternatively the tube bore may be in a rectangular block with through holes for mounting.

Alternatively the unit is available in two flange mount options, designated CYL-B and CYL-C

A range of integral cables/leads may be fitted dependant on the ambient temperature and conditions of use. A PG9, M20 or 1/2" NPT female thread may also be provided at the rear of the switch tube for the attachment of a suitable conduit (or other cable protection system).

Type FS Proximity Switches

The Euroswitch Type FS Proximity Switches feature an internal switch that contain a switch assembly operated by an internal magnet and are fitted with an integral cable or flying leads.

The potted switch assemblies are intended to be operated by proximity to a ferrous metal sheet or plate.

In this form, the Type FS Proximity Switches are rated up to 24Vdc/3A, 110Vac/4A or 240Vac/2A

An alternative rectangular potted switch unit, complete with an integral cable, designated a Type ES-SS (Safety Switch) and incorporating multiple reed switches rated at 24Vdc, 100mA

A Type ES or FS switch assembly (as the shown above), complete with an integral bushing/adaptor fitted (converting the entry thread to a cylindrical flamepath), for fitting to a terminal enclosure as detailed in IECEx certificate No. IECEx BAS 14.0059 (or Baseefa14ATEX0120)

Parts Number Matrix

Switch Type/Description	XX	-	X	X	X	X	-	X
Euroswitch	ES	-					-	
Ferro switch	FS	-					-	
Safety switch	ES	-					-	
90 x 30 x 23 rectangular switch	ES only	-	0				-	
80 x 20 x 25 rectangular switch	ES only		1				-	
55 x 20 x 25 rectangular switch	ES only	-	2				-	
M18 x 1 x 80 cylindrical switch	ES only	-	3				-	
M18 x 1 x 55 cylindrical switch	ES only	-	4				-	
5/8" UNF x 92 cylindrical switch	ES only	-	5				-	
M18 x 1 x 92 cylindrical switch	ES only	-	6				-	
5/8" UNF x 110 cylindrical switch	ES only	-	7				-	
M18 x 1 x 110 cylindrical switch	ES only	-	8				-	
5/8" UNF x 71 cylindrical switch	ES only	-	9				-	
M18 x 1 x 71 cylindrical switch	ES only	-	10				-	
5/8" UNF x 81 cylindrical switch	ES only	-	11				-	
M18 x 1 x 81 cylindrical switch	ES only	-	12				-	

Switch Type/Description	XX	-	X	X	X	X	-	X
3/8" UNF x 100 cylindrical switch	ES only	-	13				-	
M12 x 1 x 100 cylindrical switch	ES only	-	14				-	
3/8" UNF x 86 cylindrical switc	ES only	-	15				-	
M12 x 1 x 86 cylindrical switch	ES only	-	16				-	
91 x 22 x 36 rectangular safety switch	ES only	-	SS				-	
M18 x 1 x 80 cylindrical switch	FS only	-	A				-	
5/8" UNF x 92 cylindrical switch	FS only	-	B				-	
M18 x 1 x 92 cylindrical switch	FS only	-	C				-	
5/8" UNF x 110 cylindrical switch	FS only	-	D				-	
M18 x 1 x 110 cylindrical switch	FS only	-	E				-	
3/4"-16 UNF x 148 cylindrical switch	FS only	-	F				-	
5/8" UNF x 95 cylindrical switch	FS only	-	H				-	
M18 x 1 x 95 cylindrical switch	FS only	-	I				-	
5/8" UNF x 71 cylindrical switch	FS only	-	J				-	
M18 x 1 x 71 cylindrical switch	FS only	-	K				-	
5/8" UNF x 81 cylindrical switch	FS only	-	L				-	
M18 x 1 x 81 cylindrical switch	FS only	-	M				-	
3/8" UNF x 100 cylindrical switch	FS only	-	N				-	
M12 x 1 x 100 cylindrical switch	FS only	-	O				-	
3/8" UNF x 86 cylindrical switch	FS only	-	P				-	
M12 x 1 x 86 cylindrical switch	FS only	-	Q				-	
Flange mount s/w x 108	FS only	-	CYL-B				-	
Flange mount s/w x 108	FS only	-	CYL-C				-	
90 x 30 x 23 rectangular	FS only	-	Z				-	
ATEX Markings		-		0			-	
IECEX & ATEX Markings		-		3			-	
ATEX & IECEX Markings		-		A			-	
ATEX/IECEX & UL/CSA Markings		-		B			-	
ATEX & UL/CSA Markings		-		C			-	
Multiple Certification Markings (Exd only)		-		D			-	
Other regional Exd certification				F - Z				
Brass housing (rectangular only except SS)		-				1	-	
Stainless steel housing		-				2	-	
PVC cable		-					1	-
PVC Leads							1L	
Polyolefin cable		-					2	-
Teflon leads		-					4L	-
Peek leads							5L	-
Options (may be combined eg -DE)								
1A Switching (2000, 4000, 6000 series)	ES only	-					-	A
20W Reed (1000, 3000, 5000 series)	ES only	-					-	B
3A switching N/O (1000, 3000 series)	ES only	-					-	C
DPDT		-					-	D
Earth wire		-					-	E
Latching/bi-stable	ES only	-					-	F
5000 psi pressure resistant end cap		-					-	5K
10000 psi pressure resistant end cap		-					-	10K

Switch Type/Description	XX	-	X	X	X	X	-	X
Male adaptor thread M20 or ½"NPT or ¾" NPT		-					-	(M), (N) or (N3)

Customer specials

80 x 20 x 25 rectangular switch 5m PVC cable	ES only	-	HLS-25d
80 x 20 x 25 rectangular switch 10m PVC cable	ES only	-	HLS-210d

16 Report Number

See certificate history.

17 Specific Conditions of Use

- External earth bonding of the metal enclosure may be achieved via the external threaded or bolted mounting facility and/or the threaded cable entry (when provided).
- The integral cables/conductors shall be physically protected from pulling, twisting and mechanical damage.
- The PG9 rear entry thread (where provided) does not meet the flameproof requirements, and shall not be used for direct interface with flameproof enclosures.
- When used in dust atmospheres the threaded cable protection arrangement (where threads are provided) shall be further sealed to maintain the IP6X rating of the enclosure.

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
1.2.7	LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
ENG001 ⁱ		12	01.11.21	Marking Detail For Exd Euroswitch

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
70-519 ^v		A	16/11/2019	ES-0 and FS-Z housing.
GA-033 ^v		A1	19/09/2019	FS-J,K,L,M,P,Q ASSYS.
GA-038 ^v		A1	18/09/2019	FS-N, FS-O and ES-13, ES-14.
FA-41 ⁱ		4	18.09.19	Final assembly drawing for FS-D, FS-E, ES-7 and ES-8 Series PVC Polyolefin cable with earth.

Number	Sheet	Issue	Date	Description
FA-41A ^v		4	18.09.19	Final assembly drawing for FS-D, FS-E, ES-7 and ES-8 PVC Polyolefin & UL cable.
FA-42 ⁱ		4	18/09/2019	Final assembly drawing for FS-D, FS-E, ES-7 and ES-8 Series PVC leads with earth.
FA-42A ^v		4	18/09/2019	Final assembly drawing for FS-D, FS-E, ES-7 and ES-8 PVC leads
SWM3 ⁱ		A	18/09/2019	Baseefa14ATEX0256X Hard Wired Part Number Matrix
10-101 ⁱ		2	12/08/2014	Body Detail, Type CS-101 (ES-1000, 3000, 6000 & 1000D series)
10-102 ⁱ		2	12/08/2014	Body Detail, Type CS-201 (ES-2000, 4000, 6000 & 2000D series)
10-103 ⁱ		4	08/08/2014	Body Detail, Type CS-301 (ES-1000, 3000 & 3000D series)
10-104 ⁱ		1	08/08/2014	Body Detail, Type CS-401 (ES-2000, 4000 & 4000D series)
10-105 ⁱ		5	08/08/2014	Body Detail, Type CS-501 (ES-5000 & 5000D series)
10-106 ⁱ		A	20/11/2015	CS-601 Body
10-138 ⁱ		A	17/01/2018	ES-5-M20 Body Tube
10-139 ⁱ		A	17/01/2018	ES-6 Body Tube
10-140 ⁱ		A	17/01/2018	FS-6-NPT Body Tube
10-141 ⁱ		A	20/09/2018	ES3000 Nickel Brass
50-000 ⁱ		A	30/01/2018	FS MINI-SPDT Proximity Switch
70-011 ^{iv}		1	18/12/2013	Ferro Switch Cartridge Assembly
70-501 ⁱ		4	08/08/2014	Body Detail, Type CS-A01 (FS-A series)
70-502A ⁱ		5	12/08/2014	Body Detail, Type CS-B01 (FS-B series)
70-502B ⁱ		4	12/08/2014	Body Detail, Type CS-B01 (FS-B series, 5000 PSI [thick tip] version)
70-503 ⁱ		A	17/01/2018	FS-C Body Tube
70-504 ⁱ		3	12/08/2014	Body Detail, Type CS-C01 (FS-D series)
70-505 ⁱ		3	12/08/2014	Body Detail, Type CS-J01 (FS-J series)
70-506 ⁱ		4	12/08/2014	Body Detail, Type CS-F01 (FS-F series)
70-533 ⁱ		2	12/08/2014	Body Detail, Type FS-H
70-540 ⁱ		C	28/02/2018	FS-L Body Tube
70-540 ⁱ		1	04/09/2016	Body Detail, Type CS-L01 (FS-L series)
70-547 ⁱ		A	17/01/2018	FS-J Body Tube
70-549 ⁱ		A	17/01/2018	FS-K Body Tube
70-553 ⁱ		A	17/01/2018	SHROUD
70-556 ⁱ		B	19/02/2018	Groove ID Removed
70-559 ⁱ		A	17/01/2018	FS-C-NPT Body Tube
70-562 ⁱ		A	16/11/2017	FS-N Body Tube
70-563 ⁱ		A	16/11/2017	FS-N-M20 Body Tube
70-564 ⁱ		A	16/11/2017	FS-O Body Tube
70-565 ⁱ		A	16/11/2017	FS-O-NPT Body Tube
70-566 ⁱ		A	16/11/2017	FS-P Body Tube

Number	Sheet	Issue	Date	Description
70-567 ⁱ		A	16/11/2017	FS-Q Body Tube
70-577 ⁱ		A	17/01/2018	FS-M Body Tube
70-579 ⁱ		A	17/01/2018	FS-I-NPT Body Tube
70-580 ⁱ		A	17/01/2018	FS-I Body Tube
70-581 ⁱ		A	23/01/2018	FS-CYL-B-P1.025 Body Tube
70-582 ⁱ		A	23/01/2018	FS-CYL-B-P1.25 Body Tube
70-583 ⁱ		A	23/01/2018	FS-CYL-C-P1.025 Body Tube
70-584 ⁱ		A	23/01/2018	FS-CYL-C-P1.25 Body Tube
80-209 ⁱ		B	23/01/2018	05NPT-05NPT M-M Nipple
80-211 ⁱ		B	23/01/2018	05NPT-M20 M-M Nipple
80-212 ⁱ		B	23/01/2018	05NPT-075NPT M-M Nipple
80-213 ⁱ		B	23/01/2018	M20-M20 M-M Nipple
80-215 ⁱ		B	23/01/2018	M20-075NPT M-M Nipple
90-000 ⁱ		B	09/05/2017	FS Series DPDT Proximity Switch
90-504 ⁱ		E	03/01/2018	FS-B-D DPDT Body
90-511 ⁱ		C	03/01/2018	FS-C-D DPDT Body
90-515 ⁱ		A	23/01/2018	FS-B-D-M20 DPDT Body Tube
90-516 ⁱ		A	23/01/2018	FS-C-D-NPT DPDT Body Tube
ADAPTOR32 ⁱ		2	19/03/2014	Bushing/Adaptor
CS-SS ⁱⁱ		8	20/01/2014	Body Detail, Type ES-SS (Safety Switch)
FA05 ⁱⁱ		7	13.01.14	General Assembly, ES-1000 & 3000 Series, PVC Cable (no earth)
FA06 ⁱⁱ		6	13.01.14	General Assembly, ES-2000 & 4000 Series, PVC Cable (no earth)
FA07 ⁱⁱ		8	13.01.14	General Assembly, ES-1000 & 3000 Series, Polyolefin Cable (no earth)
FA08 ⁱⁱ		8	13.01.14	General Assembly, ES-2000 & 4000 Series, Polyolefin Cable (no earth)
FA09 ⁱⁱ		7	13.01.14	General Assembly, ES-5000 Series, PVC & Polyolefin Cable (no earth)
FA15 ⁱⁱ		7	13.01.14	General Assembly, ES-6000 & 1000D Series, PVC Leads (no earth)
FA38 ⁱ		4	04/09/2016	General Assembly, FS-A Series, Polyolefin Cable c/w earth
FA38A ⁱⁱ		5	04/09/2016	General Assembly, FS-A Series, Polyolefin Cable (no earth)
FA39 ⁱ		5	05.11.14	General Assembly, FS-B & C Series PVC or Polyolefin Cable c/w earth
FA39A ⁱⁱ		4	13.01.14	General Assembly, FS-B & C Series, PVC or Polyolefin Cable (no earth)
FA40 ⁱ		3	13/01/2014	General Assembly, FS-B & C Series, PVC Leads c/w earth
FA40A ⁱⁱ		4	13.01.14	General Assembly, FS-B & C Series, PVC Leads (no earth)
FA43 ⁱⁱ		6	02.04.14	General Assembly, ES-3000D Series, , PVC or Polyolefin Cable (no earth)
FA44 ⁱⁱ		6	02.04.14	General Assembly, ES-5000D Series, , PVC or Polyolefin Cable (no earth)

Number	Sheet	Issue	Date	Description
FA45 ⁱ		5	05.11.14	General Assembly, FS-F Series, PVC or Polyolefin Cable c/w earth
FA45A ⁱ		4	24.03.14	General Assembly, FS-F Series, PVC or Polyolefin Cable (no earth)
FA46 ⁱ		4	13/01/2014	General Assembly, FS-F Series, PVC Leads c/w earth
FA46A ⁱⁱ		3	13.01.14	General Assembly, FS-F Series, PVC Leads (no earth)
FA47 ⁱⁱ		6	02.04.14	General Assembly, ES-4000D Series, , PVC or Polyolefin Cable (no earth)
FA58 ⁱ		3	24/01/2014	General Assembly, Safety Switch
FA64 ⁱ		1	10/06/2014	General Assembly, FS-J Series, Polyolefin Cable (no earth)
FA65 ⁱ		1	10/06/2014	General Assembly, FS-K Series, PVC or Polyolefin Cable (no earth)
FA67 ⁱ		1	14/10/2014	General Assembly, ES Series Switch with Junction Box Adaptor
FA68 ⁱ		1	20.10.14	General Assembly, FS-H Series, PVC or Polyolefin leads (no earth)
FA69 ⁱ		1	20.10.14	General Assembly, FS-H Series, PVC leads c/w earth
FA70 ⁱ		1	20/10/2014	General Assembly, FS-H Series, PVC or Polyolefin leads c/w earth
FA71 ⁱ		1	20/10/2014	General Assembly, FS-H Series, PVC leads (no earth)
GA-004 ⁱ		C	03/01/2018	FS-B-D & FS-C-D Assy
GA-019 ⁱ		A	19/10/2017	FS-CYL HW Enclosure
HSRS 1 ^{iv}		4	08.01.14	Reed Switch, Large, 60W
HSRS 2 ^{iv}		4	08.01.14	Reed Switch, Small, 20W
HSRS 3 ⁱⁱⁱ		1	03/10/2014	Reed Switch, Single Throw, 1A
HSRS 4 ⁱ		1	10/10/2014	Reed Switch (Safety Switch), 1W
PCB 015 ⁱ		1	12.10.14	PCB, Safety Switch
PCB 04 ^{iv}		3	07.01.14	PCB, Large Reed Switch Mounting
PCB 05 ^{iv}		3	07.01.14	PCB, Small Reed Switch Mounting
PCB 06 ^{iv}		4	07.01.14	PCB, Double Small Reed Switch Mounting
PRC 13 ⁱⁱ		3	09.01.14	Cable Specification, 6 Core, PVC
PRC 14 ⁱⁱ		3	09.01.14	Cable Specification, 6 Core, PVC
PRC 15 ⁱ		4	17.03.14	Cable Specification, 3 Core, PVC or Polyolefin
PRC 16 ⁱⁱ		2	09.01.14	Lead Wire Specification, PVC
PRC 17 ⁱ		2	17.03.14	Cable Specification, 3 Core, PTFE
PRC 19 ⁱ		1	21.01.14	Cable Specification, 4 Core, PVC
PRC 5 ⁱⁱ		5	05.03.14	Cable Specification, 3 Core, PVC
PRC 6 ⁱⁱ		6	17.03.14	Cable Specification, 3 Core, PVC
PRC 7 ⁱⁱ		6	09.03.16	Cable Specification, 3 Core, Polyolefin
PRC 8 ⁱⁱ		8	09.03.16	Cable Specification, 3 Core, Polyolefin
PRC 9 ⁱⁱ		3	09.01.14	Lead Wire Specification, PVC
WJ004 ⁱ		A	08/03/2017	6 Core PVC Cable
WJ005 ⁱ		A	08/03/2017	7 Core PVC Cable
WJ007 ⁱ		A	08/03/2017	PVC 18 AWG Single Core Leads
WJ018 ⁱ		B	10/05/2017	6 Core Polyolefin Cable

Number	Sheet	Issue	Date	Description
WJ019 ⁱ		B	10/05/2017	7 Core Polyolefin Cable
WJ021 ⁱ		A	08/03/2017	PTFE/TEFLON 18 AWG Single Core Leads
WJ030 ⁱ		A	08/03/2017	PEEK 18 AWG Single Core Leads

i) These drawings are common to Baseefa14ATEX0256X, BAS21UKEX0756X and held with technical file associated with IECEx BAS 14.0121X.

ii) These drawings are common to Baseefa14ATEX0256X, IECEx BAS 14.0121X, BAS21UKEX0756X Baseefa14ATEX0013X and held with the technical file associated with IECEx BAS 14.0003X of which they are also common.

iii) These drawings are common to Baseefa14ATEX0256X, IECEx BAS 14.0121X, BAS21UKEX0756X, Baseefa14ATEX0119X, BAS21UKEX0754X and held with the technical file associated with IECEx BAS 14.0056X of which they are also common.

iv) These drawings are common to Baseefa14ATEX0013X, IECEx BAS 14.0003X, Baseefa14ATEX0119X and IECEx BAS 14.0056X, BAS21UKEX0754X, Baseefa14ATEX0256X, BAS21UKEX0756X and held with the technical file associated with IECEx BAS 14.0121X of which they are also common.

v) These drawings are also common to Baseefa14ATEX0013X, IECEx BAS 14.0003X, Baseefa14ATEX0256X, BAS21UKEX0756X and IECEx BAS 14.0121X these drawing are held on the technical file associated with IECEx BAS 14.0121X, however they may also be held as applicable with IECEx BAS 14.0003X.

20 Certificate History

Certificate No.	Date	Comments
Baseefa14ATEX0256X	20 November 2014	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0:2012, EN 60079-1:2007 and EN 60079-31:2009 is documented in Test Report No. GB/BAS/ExTR14.0309/00 and Project File 13/0784.
Baseefa14ATEX0256X/1	27 February 2015	To permit the use of a revised switch bushing/adaptor to include a retaining clip. The associated assessment is recorded in Test Report GB/BAS/ExTR14.0122/00 and Project 13/0951.
Baseefa14ATEX0256X/2	19 January 2016	To permit the addition of the optional switch body CS-601, minor drawing changes and to include a parts number matrix to the certificate schedule The associated assessment is recorded in Test Report GB/BAS/ExTR15.0363/00 and Project 15/0902.
Baseefa14ATEX0256X/3	14 April 2016	To permit the use of an alternative integral cable. The associated assessment is recorded in Test Report GB/BAS/ExTR16.0118/00 and Project 16/0273.
Baseefa14ATEX0256X/4	9 August 2016	To permit some switches types to be marked with Ex i marking covered by other certificates in addition to existing marking. In addition the PTFE cable type option is removed from drawing SWM3 & SWM4 and WLRT option is removed from drawing SWM4. The associated assessment is recorded in Test Report GB/BAS/ExTR16.0201/00 and Project 16/0427.
Baseefa14ATEX0256X Issue 5	20 September 2016	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate and permits a new switch body of Type FS-L. The associated assessment is recorded in Test Report GB/BAS/ExTR16.0252/00 and Project 16/679.

Certificate No.	Date	Comments
Baseefa14ATEX0256X Issue 6	2 February 2018	To allow the addition of the ES-6000 Metric threaded switch bodies To allow the option of a DPDT (Double Pole Double Throw) variant To allow male to male nipples to be fitted into the switches To allow a high ambient, +175°C option To allow drawings to be renumbered and/or retitled To allow an update to the part number matrix. Update to the latest standards The associated assessment is recorded in Test Report GB/BAS/ExTR18.0030/00 and Project 17/0229
Baseefa14ATEX0256X Issue 7	29 March 2018	To allow alternative threaded and flange mounted switch bodies To allow an update to the part number matrix. The associated assessment is recorded in Test Report GB/BAS/ExTR18.0081/00 and Project 18/0159
Baseefa14ATEX0256X Issue 8	6 November 2018	To allow an ES3000 Nickel Plated brass option The associated assessment is recorded in Test Report GB/BAS/ExTR18.0283/00 and Project 18/0519
Baseefa14ATEX0256X Issue 9	16 December 2019	To allow the addition of new part numbers utilising existing 'FS' housings To allow the addition of 1 new ES part number utilising external larger housing, internal dimensions not changed To allow Replacement of the original FS-K with the part number FS-Z To allow dimensional changes to drawing, including new drawing format. The associated assessment is recorded in Test Report GB/BAS/ExTR19.0233/00 and Project 19/0465
Baseefa14ATEX0256X Issue 10	3 December 2021	To assess the equipment against EN IEC 60079-0:2018. SGS Baseefa certification report GB/BAS/ExTR21.0178/00 refers.
For drawings applicable to each issue, see original of that issue.		