

## LABORATORIO OFICIAL J. M. MADARIAGA



LOM	LOM	LOM	LOM	
.OM	LOM		FU-TYPE EXAMINATION CERTIFICATE LON	
.OM	LON		LOW	
OM	2		Equipment or Protective System Intended for use in Potentially Explosive Atmospheres on LOM LOM LOM LOM LOM LOM LOM LOM LOM	
.OM			Directive 2014/34/UE LOM	
.OM	LOM		LOM	
.OM	LOM		EU-Type Examination Certificate Number Com	
LOM	LOM		LON	
LOM	LON		Types LCM	
LOM			LOW	
OM	5		Manufacturer LOM	
.OM	LOM		LOM	
OM	LOM		Address Low	
OM			LOM	
LOM			LOM	
LOM	7		This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein	
OM			referred to a low	
.OM			LOM	
LOM	8		Laboratorio Oficial J.M. Madariaga (LOM), Notified Body number 0163, in accordance with Article 17 of Directive of	
.OM			2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found a considered by the lateral of the council of	
OM			to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for	
OM			The examination and test results are recorded in confidential Report No 16.759P LOM	
LOM			LOM	
LOM	9		Compliance with the Essential Health and Safety Requirements has been assured by compliance with:	
LOM			LOW	
OM			LOM LOM LStandardsom LOM LEN 60079-0:2012/A11:2013 ON LOM LEN 60079-7:2007 LOM LOM LEN 60079-31:2014 OM LOM LOM	
LOM			LOM	
LOM			Lexcept in respect of those requirements listed at item 18 of the schedule. Low	
LOW			COM	
LOM	L10		If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use	
LOM	L10 LOM		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. LON	
LOM	L10 LOM LOM		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. Low	
LOM LOM LOM	-10 LOM -11		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. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further	
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Comparison (Comparison)	LIOM LOM LOM LOM LOM LOM LOM LOM LOM LOM L		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.	
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MO. CCCER 52/3/15 MO.	LION LOM LOM LOM LOM LOM LOM LOM LOM LOM LOM	LOM LOM LOM LOM LOM LOM LOM LOM LOM LOM	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.	
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MOL MOL MOL MOL MOL MOL MOL MOL MOL MOL		LOM LOM LOM LOM LOM LOM LOM LOM LOM LOM	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. 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. The marking of the product shall include the following: (See schedule) (See schedule	
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14EU-Type Examination Certificate number: LOM 17ATEX101115Description of product16Terminal boxes made in stainless steel sheet based on the empty boxes UUXOREX, with component certificate increased safety terminal and/or protection mode by enclosure "5.t".17The boxes are designed for a maximum woltige up to 1100 V and maximum ambient temperature of 0° °C, depending or temperature class and rated currents.17The boxes are designed for a maximum woltige up to 1100 V and maximum ambient temperature of 0° °C, depending or temperature class and rated currents.17The collination LXCS**Ex, where *** is the code for external dimensions.1The collination IXCS**Ex, where *** is the code for external dimensions.1Terminal boxesThe boxes are designed for a maximum woltige up to 1100 V and maximum ambient temperature of 0° °C, depending or temperature class and rated currents.1VariantFor mountingMaximum number of terminals1Terminal boxesTerminal boxesTerminal boxes1VariantFor mountingMaximum number of terminals1Terminal boxesTerminal boxesTerminal boxes1VariantTerminal boxesTerminal boxes1VariantTerminal boxesTerminal boxes1Terminal boxesTerminal boxesTerminal boxes1VariantTerminal boxesTerminal boxes1VariantTerminal boxesTerminal boxes1Terminal boxesTerminal boxes1Terminal boxesTerminal boxes1Term	13 10	SCI		LOM LOM L	OM LOM	LOM LO	M LON	I LOM	LOM LO	M LOI	I LOM	LOM	OM LC	OM LOM	LOM	LOM LO	OM LON	I LOM
55Description of moduleTerminal boxes made in stainless steel sheet based on the empty boxes LUKOREX, with component certificate in LOM 14ATEX30201. The boxes may be used with increased safety terminals and/or protection mode by enclosure 'Exc'The boxes are designed for a maximum voltage up to 1100 V and maximum ambient temperature of 60 °C, depending or temperature class and rated currents.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS***Ex. where *** is the code for external dimensions.Type collification: LXCS****Ex. where *** is the code for external dimensions.Type collification: LXCS****Ex. where *** is the code for external dimensions.Type collification: LXCS************************************			vpe Examination (	Certificate	om Lom													
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Type codification: LXCS***Ex. where *** is the code for external dimensions.         Maximum number of terminals         Maximum number of terminals </td <td></td> <td>tempe</td> <td>rature class and ra</td> <td>ited curren</td> <td>ts.</td> <td></td>		tempe	rature class and ra	ited curren	ts.													
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LXCS605021EX99 W50 W136 W87 WLXCS806030EX161 W80 W221 W141 WLXCS108030EX288 W144 W397 W252 WFor boxes used solely with protection by enclosure the maximum power dissipated based on the maximum ambient temperature and surface temperature:Ta ≤ 40 °CTa ≤ 60 °CTa ≤ 40 °CTa ≤ 40 °CTa ≤ 40 °CTa ≤ 60 °CTa ≤ 60 °CUNCS302015EX67 W32 W92 W58 WLXCS304021EX178 W90 W245 W157 WLXCS304021EX178 W90 W245 W157 WLXCS304021EX178 W90 W245 W157 WLXCS304021EX178 W259 W715 W160 CLXCS304021EX178 W90 W244 W398 WLXCS304021EX178 W90 W245 W157 WLXCS304021EX178 W259 W715 W160 CUNCS108030EX518 W229 W34 W160 CUNCS108030EX518 W229 W715 W454 WUNCS108030EX518 W225 W715 WUNCS108030EX30 C00UNCS108030EX120 C10 CUNCS108030EX120 C <td></td> <td></td> <td>M LOM LAC</td> <td>S504021E</td> <td>x</td> <td>77 W</td> <td>l l</td> <td>30</td> <td>9 W</td> <td>LOI</td> <td>106 V</td> <td>V</td> <td>6</td> <td>2 W 8 W</td> <td>OM</td> <td></td> <td></td> <td></td>			M LOM LAC	S504021E	x	77 W	l l	30	9 W	LOI	106 V	V	6	2 W 8 W	OM			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			M LOM LOM LXC	S605021E2	XM LDM I	99 W		LON5	0 W [	N LOI	136 W		ом 8	7 Won	LOM			
For boxes used solely with protection by enclosure the maximum power dissipated based on the maximum ambient temperature and surface temperature: Ta $\leq 40 ^{\circ}\text{C}$ Ta $\leq 60 ^{\circ}\text{C}$			M LOM LOM LXC	S806030E2	XM LOM I	161 W	/M LON	I LON8	0.W LC	N LOI	221 W	LOW	.om 14	1 WOM	LOM			
The boxes used solely will protection by enclosule the maximum power dissipated based on the maximum antitem temperature and surface temperature: $\frac{1}{10000000000000000000000000000000000$		M LOM LO M LOM LO		S108030E		288 W		LO144			397 W		tod be	2 W				LOM
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LAC5302013EX41 w22 w38 w38 w38 wLXCS302013EX $67$ W $32$ W $92$ W $58$ WLXCS504021EX $139$ W $70$ W $191$ W $122$ WLXCS605021EX $178$ W $90$ W $245$ W $157$ WLXCS806030EX $290$ W $144$ W $398$ W $254$ WLXCS108030EX $518$ W $259$ W $715$ W $454$ WThese boxes can also be used as control stations incorporating certified components of manoeuvre, connection, and signalling on cover and in lateral walls of the boxes.Maximum number of:VariantMaximum interimentsSwitchesSockets mounted on coverLXCS302015EX $3$ $6$ $2$ LXCS302015EX $3$ $6$ $2$ LXCS504021EX $12$ $25$ $9$ LXCS302015EX $30$ $64$ $30$ LXCS605021EX $20$ $49$ $16$ LXCS806030EX $20$ $49$ $16$ LXCS108030EX $42$ $90$ $56$			M LOM LOM LOM I	LOM LOM L	OM LOMÍ	$a \leq 40$	CLO	$Ta \leq 2$	60°C		$1 \le 40$		Ta≤	60 °C	LOM			
Image: Section of the section of th				\$383015E	XM LOM I	41 W	M LON		2 W L	N LOI	92 W	LOW L	.0M L4	8 W	LOM			
Low       LXCS605021EX       178 W       90 W       245 W       157 W         LXCS806030EX       290 W       144 W       398 W       254 W         LXCS108030EX       518 W       259 W       715 W       454 W         These boxes can also be used as control stations incorporating certified components of manoeuvre, connection, and signalling on cover and in lateral walls of the boxes.       Maximum number of:         Wariant       Measure instruments       Switches       Sockets mounted on cover         LXCS302015EX       3       6       2         LXCS302015EX       12       25       9       0         LXCS302015EX       12       25       9       0         LXCS300021EX       12       25       9       0       0         LXCS806030EX       30       64       30       0       0       0         LXCS108030EX       42       90       56       0 <td< td=""><td></td><td></td><td></td><td>S504021E</td><td>X LOM</td><td>139 W</td><td>M LON</td><td>1 LON7(</td><td>W L</td><td>N LO</td><td>191 W</td><td></td><td>12</td><td>2 W</td><td>LOM</td><td></td><td></td><td></td></td<>				S504021E	X LOM	139 W	M LON	1 LON7(	W L	N LO	191 W		12	2 W	LOM			
LXCS806030EX       290 W       144 W       398 W       254 W         LXCS108030EX       518 W       259 W       715 W       454 W         These boxes can also be used as control stations incorporating certified components of manoeuvre, connection, and signalling on cover and in lateral walls of the boxes.       Maximum number of:         Variant       Measure instruments       Switches       Sockets mounted on cover         LXCS302015EX       3       6       2         LXCS504021EX       12       25       9         LXCS605021EX       20       49       16         LXCS108030EX       30       64       30         LXCS108030EX       42       90       56			LXC	8605021E2	X	178 W		90	0 W		245 W		15	7 W	LOM			
Image: Construction of the construc			M LOM LOM LXC	S806030E2	XM LOM	290 W		144	4 W	N LO	398 W		25	4 W	LON I			
Image: Control tool control tool control stations incorporating certified components of manoeuvre, connection, and signalling on cover and in lateral walls of the boxes.       Image: Control tool control control tool control tool control tool control tool control			M LOM LOM LXC	S108030E2	M LDM I	518 W	M LON	Lo259		N LO	715 W		om 45	4 Wom	LOM			
On cover and in lateral walls of the boxes.       Maximum number of:		I Low Lo	boxes can also be	used as c	ontrol sta	tions i	ncorpo	orating	certifi	ed coi	npone	nts of	mano	euvre, o	connec	ction, a	and sig	nalling
Number of Control     Variant     Measure instruments     Switches     Sockets mounted on cover       LXCS302015EX     3     6     2       LXCS383015EX     6     19     6       LXCS504021EX     12     25     9       LXCS605021EX     20     49     16       LXCS806030EX     30     64     30       LXCS108030EX     42     90     56		-on co	ver and in lateral v	valls of the	boxes.		M LON		aximun	num	her of	LOW L	OM LC	DM LOM	LOM			
Control       Contro       Control       Control			LOM LOVariant		leasure ii	nstrum	ents	LON	Switch	es		Socket	ts mou	inted or	n cove			
OM LOM LOM LOM LOM LOM LOM LOM LOM LOM L			LXCS302015	5EX	OM LOM	30M LC			6			LON	OM LC	2	LOM			
OM         LOM         LOM <thlom< th=""> <thlom< th=""> <thlom< th=""></thlom<></thlom<></thlom<>			LXCS383015	EX LOU	OM LOM	SOM LO	M LON	LOM		M LO	I LOM	LOM L	OM LO	61 LOM	LOM	LON LO		
$ \begin{array}{c} Con c$			LXCS504021		OM LONG	2011 LC	M LON	LON	L0125.0	M LOI	I LOM	LOM L	OM LO	91 LOM	LON			
ON LON LON LON LON LON LON LON LON LON L			LXCS60502	EX LOI L	OM LOM2	0	M LON	LOW	49 64	M LOI	I LOM	LOW L	OM LO		LOM	LON LO		
ON LOW			LXCS108030	DEX LOI		2	M LOW	LOM	90	M LOI	I LOM	LOM L	OM LC	56	LOM	LON LO		
			H LOH LOH LOH	LOW LOW L	OM LOM	COM LC	M LON	LOM	LONÍ ĽC	IN LOI	I LOM	LOM	OM LC	M LOM	LON	LON LO		

	LON	CIAL J. M. MADARIAGA M LON
	LON	DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO
LOW LO	I COM LOW	
LOM LOI	LON	<u>DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO</u>
LOM LO	A LOM	
14	<u>Certificado de Examen UE de Tipo n</u> º: LOM 17ATE	EX1011.0M LOW
LOM LO	A LOM	<u>DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO</u>
L15 LO	LDescripción del producto (continuación) LOM LOM LO	
	Components included on the cover are switching elem	ents, signalling and measuring instruments and plug sockets. <sup>1</sup> LOM LOM L
	The switching elements push buttons and rotary ac	tuators. The signalling elements correspond to and pilot lights, and
	Each of the incorporated components accounted for j	purposes of heat dissipation and temperature class just as if they were
	I LOW	
	The type of protection and maximum ambient or c	operating temperature of the incorporated components determine the
	<sup>4</sup> Lincluded components. <sup>1</sup> LOM	DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO
	Only are valid for combustible dust environments cor	itrol stations where all incorporated components are appropriate for the
	A LON LON LOM	om lom lom lom lom lom lom lom lom lom l
	These control stations may be used for connection of	intrinsically safe circuits but not in combination with non-intrinsically
	safe circuits. LOM	DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO
	I LOM	
	Type of protection of include component LOM LOM LO	Marking code for group IIOM LOM LOM LOM LOM LOM LOM LOM LOM LOM L
	Flameproof	II 2G Ex eb IIC I Gb
	Encapsulated in the test test test test test test test	II 2G, Ex eb mb II T Gb
	Flameproof + encapsulated on LOM	II 2G Ex db eb mb IIT. Gb on LOM
	The temperature class shall be the highest among the in	ncluded components or as junction box equipped with terminals <sup>3M</sup> LOM LOM FOM
	A LOM	om lom lom lom lom lom lom lom lom lom l
	Type of protection of include component	Marking code for group III
	Protection by enclosure	II 2G Ex th III T °C Db
	The surface temperature shall be the highest among the	e included components or as junction box equipped with terminals. Low
	A LOM	OM LOM LOM LOM LOM LOM LOM LOM LOM LOM L
	LOM LOM LOM LOM LIN 1/2G LEX ia/ib H* T6 Ga/Gb	DM LOM LOM LOM LOM LOM LOM LOM LOM LOM LO
	A LOM LOM LOM LOM LIT $1/2D$ -Ex ia/ib HIC T85°C Da/E A LOM	DM FOW
16	Report number 16.759P	
	A LOW	
LON LO	A LON LOW	
	A LONEON LON LON LON LON LON LON LON LON LON L	
L18 LO	Lessential Health and Safety Requirements LOW LOW LOW LOW	
	Essential Health and Safety Requirements (EHSRs) and	e covered by the standards listed at item 9. Low
LOM LO	A LOM	om lom lom lom lom lom lom lom lom lom l
	A LOTAWINGS AND COMPANY LOW	
	LOM LONUMBER LON Sheets Clssue ON Date	DM L Description LOM
	I LOW	-31 [Technical dossier, includes user manual] LOM
LOM LOI LOM LOI LOM LOI	N LON LON LON LON LON LON LON LON LON LO	OM LOM LOM LOM LOM LOM LOM LOM LOM LOM L
LOM LOI LOM LOI LOM LOI LOM LOI LOM LOI	N LOM	DALLOM LOM LOM LOM LOM LOM LOM LOM LOM LOM