E	SCC

## APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL

Component Title: Polyimide/Fluorothermoplast Insulated Wires And Cables, Low

Page 1

		E	xecutive Member:	CNES			Date: 12	/06/2019	300E	
Components (in	cluding series and fam	ilies) s	ubmitted for Extens	ion of Qualification	on Approval:					
ESCC COMP. NO.	VARIANTS	3	RANGE OF	COMPONENTS		BASED ON \		TEST COMP		IT
3901 018	01 to 88		Voltage Rating, n 600	naximum (Vrms):	SPLD		390101			
			Temperature Rar +200	nge (°C): -200 to						
			All variants included 32 are qualified	ling AWG 30 and	1					
Compone	nt Manufacturer	2	Location	f Manufacturing	Plant	3				Т
Axon			Axon'Cable SA Route de Chalon 51210 Montmirai	s enChampagne	2		Date of original Date: Certificate Ref	qualification appr 15/12/2009 No. 300	roval:	_
ESCC S	lians wood for	5	Deviations to LV	F testing and Dat	ail Sassification	6	Ovalification E	densies Based		L
	qualification testing:		Deviations to LV used:	- 100/ - 100/			Qualification Extension Report reference and date:			
Generic: 390	1		No ⊠ Yes	: (supp 15)	ly details in Bo	×	TEST REPORT	N°4350 Issue A	, 13th March 2019	
Detail(s): 3901 018			Deviation from current Specifications:							
			No ⊠ Yes	☐ (Sup)	ply details)					
										Т
Summary of pro	curement or equivalen	t test re	esults during currer	t validity period i	n support of thi	s app	olication (those to	ESCC listed firs	t)	-
Project Name	Testing Lev	el	LAT		Date o	code		Quar	ntity Delivered	
See appendix										
	Tr.									î
PID changes sin	ce start of qualification	1	1 2	9 Current PIL	Verified by:			CNES		1
None			_				Name of Ex	cutive Represent	ative	
				Ref No:	ESA-PID-01	I-AX	ON	9		
Minor* ⊠				Issue:	15			Date:	10/06/2019	
	*Provide detail			Rev Date:	17/12/2018					_
Major* □	*Provide detail	ed by:		-	17/12/2018 S and ESA (FM		on	09/0	6/2015	_1
Major* □		ed by:	(N	-	S and ESA (FM	1)	on		6/2015 Pate)	
Major* □		ed by:	(N	CNE ame of Executive	S and ESA (FM	1) 'e)	<del>_</del> ,			
Major*   Current Manufac	cturing facilities survey	ed by:	2000	CNE ame of Executive	S and ESA (FM Representativ	1) 'e)	<del>_</del> ,			
Major*   Current Manufac	cturing facilities survey	ed by:	2000	CNE ame of Executive	S and ESA (FM Representativ	1) 'e)	<del>_</del> ,			

			-	APPLICATI	ON FO	REXTE	NSION	OF ESC	QUAL	FICATI	ON APPRO	VAL	Page	2
Contract l	ESC	C	Compone	ent title:				moplast In 00 to +200			nd Cables, L pe SPM	.ow	Appl.	No.
	2		Executive	e Member:	CNE	S				Date:	12/06/2019	9	300	E
														1
ailure Analy	sis, DPA, I	NCCS ava	ailable:	Yes	$\boxtimes$	No		(Supply	data)	RMA-3	065-2018			
ef. No's and pu	ırposes:		-2018 – NC									en closure. (	Corrective	
				**************************************	F 10000 1000									1
ne undersigned at the appropri cept as stated	iate document in box 15; - th	tation has be-	en evaluate ts and data	d; - that full are availab	l compli	ance to	all ESC	C require	ments is erefore a	evidend applies d	n behalf of		_	8
NES as the res	ponsible Exec	cutive Memb	er for ESCC	; qualification	on statu	s to be	extende	ed to the c	ompone	nt(s) list	ed herein.		- Wasen	-
ate: 15/07	7/2019									JP	BUSSENO			
										((S	ignature of t	he Executive	Coordinator)	)
ontinuation of E	Boxes above:									-				Τ1
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			şî.											

## ESCC

## APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL

Component title:

Polyimide/Fluorothermoplast Insulated Wires And Cables, Low Frequency, 600V, -200 to +200°C Based On Type SPM

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ppi. 140.

4027	Executive Mer	nber: CNES	Date: 12/06/2019	300E
Noncompliance to ESCC req	uirements:			13
	ecification	Paragraph	Non com	pliance
dditional tasks required to a	chieve full compliance for ES	CC qualification or rationale for acce	ptability of	Т.
oncompliance:	•	er betrach 1 mant der neuer state der der Großen in betracht im der de George der der der der der der der der	* con-control * consu	1.
xecutive Manager Disposition	n	Ÿ		1
pplication Approval: Yes	M No 🗆			
ction / Remarks:				
				<u>_</u>
			Z X//	7
ate:			D. 108/	
			B. Schade, Head of ESA	Product Assurance



## APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL

Polyimide/Fluorothermoplast Insulated Wires And Cables, Low Frequency, 600V, -200 to +200°C Based On Type SPM Component title:

Executive Member: CNES Date: 12/06/2019

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300E

	NOTES ON THE COMPLETION OF THE APPLICATION FORM FOR ESCC QUALIFICATION EXTENSION APPROVAL
ENTRIES Form heading	shall indicate: - the title of the component as given in its detail specification or the name of the series, family; - the Executive Member; - the entering date; - the certificate number and its sequential suffix.
Box 1	shall provide details given in the table; in particular there shall be listed: - the variants or range of variants; - the range of components (the ESCC code is recommended to indicate the values or values range, the tolerance, the voltage, etc); the designation given in the detail specification as 'base on'; - under Test Vehicle enter either an ESCC code or the specific characteristic capable of identifying the component tested (e.g., voltage of coil for a relay); - under component similar enter a cross if relevant.
Box 2; 3 and 4	As per QPL entry; otherwise, an explanation of the changes must be supplied.
Box 5	Will show the ESCC Generic and Detail specifications, including issue number and revision letter, current at the time the tests reported were performed. If the specifications are different from those current on the date of the application, see Box 6.
Box 6	Will show the deviations from the Generic and Detail Specifications listed in Box 5, in particular deviations from testing. In case of deviations this must be listed in Box 15. In case the referenced specification in Box 5 have currently a different issue and/or revision indicate also whether the test data deviates or not from such current documents.
Box 7	Must reference the report(s) supplied in support of the application.
Box 8	Should provide details of procurement to the full ESCC System, documentation of all of which should already have been delivered to the ESCC Executive under the terms of the relevant Generic Specification. An appropriate table has been drawn in this box.
Box 9	If the PID evolved after the Original Qualification or after the last Extension of Qualification, adequate details of such evolution shall be provided together with the reasons for the changes. Major changes shall be clearly marked.
Box 10	Identify the current PID issue status, date and actual date of verification. The date of verification of the current PID should be arranged as close as possible to the required date of extension.
Box 11	This box can be completed only after a physical visit to the plant to confirm that no unexplained changes occurred and that the practices, procedures, material, etc. used in manufacturing the components are as described in the PID. This survey shall be carried out in accordance with the requirements of ESCC Basic Specification No. 20200 and its findings shall be recorded.
Box 12	Provide details of, or reference to, any Destructive Physical Analysis (DPA) and Failure Analysis reports as well as any Nonconformance(s) (NCCS) occurred during the qualification validity period, stating if established corrective action have produced satisfactory results.
Box 13	Enter only the name of the Executive Member (i.e., CNES, DLR, ESTEC, etc.) and the signature of the responsible Executive Coordinator.
Box 14	To be used when there is a need to expand any of the boxes from 1 through 12, Identify box affected and reference the Box 14 in the relevant Box. Box 14 can be broken into 14a, 14b, etc. if several boxes have to be expanded.
Box 15	State noncompliance with reference to specification(s) and paragraph(s). To simplify reference in Box 16 each nonconformance shall be sequentially numbered. If relevant state 'None'.
Box 16	Any additional action deemed necessary by the Executive Member to bring the submitted data to a standard likely to be accepted by the ESCC Executive should be listed herein or the reason(s) to accept the noncompliance.
Box 17	All Executive Manager recommendations on the application itself, special conditions or restrictions, modifications of the QPL entry, letters to the manufacturer, etc. shall be entered clearly in Box 17, signed by the representative for ESA, and dated.