



## Type Approval Certificate Extension

This is to certify that Certificate No. 01/00089(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	PRYSMIAN SPAIN SA Carretera C-15, km2 08800 Vilanova i la Geltrú Barcelona Spain
<b>PLACE OF PRODUCTION</b>	Planta Santa Perpetua Pol. Ind. Can Vinyalets, 2 08130 Santa Perpetua de Modoga Barcelona SPAIN
<b>DESCRIPTION</b>	Halogen free <sup>(1)</sup> , low smoke <sup>(1)</sup> , flame retardant, EPR insulated, Elastomer sheathed, armoured & unarmoured power cable.  <sup>(1)</sup> SW4 only
<b>TYPE</b>	SW2                      0.6/1 kV SW4                      0.6/1 kV

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 01/00089(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 01/00089(E2) to which this extension should be attached.

**Certificate No.**                      01/00089(E3)  
**Issue Date**                        8 October 2013  
**Expiry Date**                        29 May 2016  
**Sheet**                                1 of 1

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Lloyd's Register EMEA

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**DESIGN APPRAISAL DOCUMENT**

Date	8 October 2013	Quote this reference on all future communications	MTEs/ETS/TP/WP15175862/W03435011
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**LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.**

**Issued to: PRYSMIAN SPAIN SA**

**for: HALOGEN FREE<sup>(1)</sup>, LOW SMOKE<sup>(1)</sup>, FLAME RETARDANT, EPR INSULATED,  
ELASTOMER SHEATHED, ARMoured & UNARMoured POWER CABLE.**

**- SW4 ONLY**

**Type: SW2 & SW4 (0.6/1 kV)**

**TYPE APPROVAL CERTIFICATE No. 01/00089(E3)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

**ADDITIONAL APPROVAL DOCUMENTATION**

Request form	02 May 2013
Prysmian group letter IT-48/2012	18 Dec 2012
LR Barcelona email re. facility inspection report	26 Sep 2013

**TEST REPORTS**

Production facility inspection report BBO1342010	23 Jul 2013
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Also all the documentation listed on Design Appraisal Documents associated with Type Approval Certificates No. 01/00089, 01/00089(E1) and 01/00089(E2)

**Supplementary Type Approval Terms and Conditions**

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*



T. Piipponen  
Electrotechnical Systems  
Lloyd's Register EMEA

Part 1B

Subject: Electrical Equipment (Not Environmentally Tested)  
Product: Cables Power (Part 1B)

Producer/Licence No.	Type	Description of Product			Cert. No.
		Details of Approval	Application	Remarks	
PRYSMIAN SPAIN SA, Carretera C-15, km2, 08800 Vilanova i la Geltrú, Barcelona, Spain.	SW2 SW4	Halogen free <sup>(1)</sup> , low smoke <sup>(1)</sup> , flame retardant, EPR insulated, Elastomer sheathed, armoured & unarmoured power cable.  <sup>(1)</sup> SW4 only	Fixed wiring on marine, offshore and industrial installations	Expires: 29 May 2016 BS 6883: 1999 BS 6360 BS 7655-1.2: 1997 BS 7655-2.6: 1993 IEC 60332-1 IEC 60332-3A IEC 60754 IEC 61034	01/00089(E3)
	0.6/1 kV	No. of cores 1 2, 3 & 4 5 to 37 Maximum conductor temperature: 85° C	Cross-sectional area (mm²) 1 to 630 1 to 300 1.5 & 2.5		