



中国船级社  
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.  
PA22PTB00011\_01

型式认可证书  
CERTIFICATE OF TYPE APPROVAL

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

Schneider Electric Industries SAS

地址/Address

35 Rue Joseph Monier, 92500 Rueil-Malmaison, France

产品名称/Product

电气元器件  
Electrical Element  
断路器  
Circuit Breaker

认可标准/Approval Standard

1. 中国船级社《钢质海船入级规范》（2023）及其变更通报第4篇第1章  
Chapter 1, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2023 and its Change Notices
2. 中国船级社《钢质海船入级规范》（2023）及其变更通报第4篇第3章  
Chapter 3, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2023 and its Change Notices
3. IEC60947-2:2016 + A1:2019:《低压开关设备和控制设备-第 2 部分：低压断路器》  
IEC60947-2:2016+ A1:2019:Low-voltage Switchgear and Controlgear - Part 2: Circuit-breakers

用于/Intended for

船舶与海上设施/Ships and Offshore Installations

证书有效期至/This Certificate is valid until 2027年04月01日/ Apr. 01,2027

发证机构/Issued by 中国船级社巴黎办事处  
CCS Paris Office

签发日期/Date 2023年09月29日  
Sep. 29,2023

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Form No: T01.

联系方式/Contact Us, 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)

UTN:P023-02506253

**产品明细/Product Description****断路器/Circuit Breaker (M0001)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ3-40 H1 ; MTZ3-50 H1 ; MTZ3-63 H1	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	4000, 5000, 6300	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	100	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	100	kA
额定短时耐受电流(Icw)/Rated Short-Time Withstand Current	100	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0002)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ3-40 H2 ; MTZ3-50 H2 ; MTZ3-63 H2	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	4000, 5000, 6300	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定短时耐受电流(Icw)/Rated Short-Time Withstand Current	100	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0003)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ1-06 H1; MTZ1-08 H1; MTZ1-10 H1; MTZ1-12 H1; MTZ1-16 H1	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	630, 800, 1000, 1250, 1600	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	42	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	42	kA
额定短时耐受电流(Icw)/Rated Short-Time Withstand Current	42	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	

脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	
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**断路器/Circuit Breaker (M0004)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ2-08 L1 ; MTZ2-10 L1 ; MTZ2-12 L1 ; MTZ2-16 L1 ; MTZ2-20 L1	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定短时耐受电流(Icw)/Rated Short-Time Withstand Current	30	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawble	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0005)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ2-08 H1b ; MTZ2-10 H1b ; MTZ2-12 H1b ; MTZ2-16 H1b ; MTZ2-20 H1b ; MTZ2-25 H1b ; MTZ2-32 H1b ; MTZ2-40 H1b	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000, 2500, 3200, 4000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	85	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	85	kA
额定短时耐受电流(Icw)/Rated Short-Time Withstand Current	85	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawble or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0006)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	MTZ2-08 H2 ; MTZ2-10 H2 ; MTZ2-12 H2 ; MTZ2-16 H2 ; MTZ2-20 H2 ; MTZ2-25 H2 ; MTZ2-32 H2 ; MTZ2-40 H2	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000, 2500, 3200, 4000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力(Ics)/Rated Service Short-Circuit Breaking Capacity	100 (440V), 85 (690V)	kA

额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	100 (440V), 85 (690V)	kA
额定短时耐受电流 (I <sub>cw</sub> ) /Rated Short-Time Withstand Current	85	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0007)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ2-20 H3 ; MTZ2-25 H3 ; MTZ2-32 H3 ; MTZ2-40 H3	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	2000, 2500, 3200, 4000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (I <sub>cs</sub> ) /Rated Service Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	150 (440V), 130 (525V), 100 (690V)	kA
额定短时耐受电流 (I <sub>cw</sub> ) /Rated Short-Time Withstand Current	65	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0008)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ2-08 N1 ; MTZ2-10 N1 ; MTZ2-12 N1 ; MTZ2-16 N1 ; MTZ2-20 N1	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (I <sub>cs</sub> ) /Rated Service Short-Circuit Breaking Capacity	42	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	42	kA
额定短时耐受电流 (I <sub>cw</sub> ) /Rated Short-Time Withstand Current	42	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0009)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ1-06 H2 ; MTZ1-08 H2 ; MTZ1-10 H2 ; MTZ1-12 H2 ; MTZ1-16 H2	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	630, 800, 1000, 1250, 1600	A

额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (Ics) /Rated Service Short-Circuit Breaking Capacity	50 (440V) / 42 (690V)	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	50 (440V) / 42 (690V)	kA
额定短时耐受电流 (Icw) /Rated Short-Time Withstand Current	42	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0010)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ1-06 H3 ; MTZ1-08 H3 ; MTZ1-10 H3 ; MTZ1-12 H3 ; MTZ1-16 H3	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 440	V
额定电流/Rated Current	630, 800, 1000, 1250, 1600	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (Ics) /Rated Service Short-Circuit Breaking Capacity	50	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	66	kA
额定短时耐受电流 (Icw) /Rated Short-Time Withstand Current	50	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0011)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ1-06 L1 ; MTZ1-08 L1 ; MTZ1-10 L1	
使用类别/Utilization Category	A	
额定工作电压/Rated Operational Voltage	AC 525	V
额定电流/Rated Current	630, 800, 1000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (Ics) /Rated Service Short-Circuit Breaking Capacity	150 (415V), 130 (440V), 100 (525V)	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	150 (415V), 130 (440V), 100 (525V)	kA
额定短时耐受电流 (Icw) /Rated Short-Time Withstand Current	-	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0012)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ2-08 N2 ; MTZ2-10 N2 ; MTZ2-12 N2 ; MTZ2-16 N2 ; MTZ2-20 N2 ; MTZ2-25 N2	
使用类别/Utilization Category	B	

额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000, 2500	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (Ics) /Rated Service Short-Circuit Breaking Capacity	50	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	50	kA
额定短时耐受电流 (Icw) /Rated Short-Time Withstand Current	50	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**断路器/Circuit Breaker (M0013)**

名称/Name	属性 (值) /Value	单位/Unit
型号/Type	MTZ2-08 H1 ; MTZ2-10 H1 ; MTZ2-12 H1 ; MTZ2-16 H1 ; MTZ2-20 H1 ; MTZ2-25 H1 ; MTZ2-32 H1 ; MTZ2-40 H1	
使用类别/Utilization Category	B	
额定工作电压/Rated Operational Voltage	AC 690	V
额定电流/Rated Current	800, 1000, 1250, 1600, 2000, 2500, 3200, 4000	A
额定频率/Rated Frequency	50-60	Hz
额定运行短路分段能力 (Ics) /Rated Service Short-Circuit Breaking Capacity	66	kA
额定极限短路分断能力/Rated Ultimate Short-Circuit Breaking Capacity	66	kA
额定短时耐受电流 (Icw) /Rated Short-Time Withstand Current	66	kA
极数/Number of Poles	3-4	
安装方式/Method of Installation	Withdrawable or Fixed	
脱扣器型式/Type of Releases	Shunt Release; Over-current Release; Undervoltage Release	

**批准的图纸/Approved Drawings**

图纸批准号/ Drawings Approval No. : NP18PPP00265

**产品认可试验报告/ Approval Test Report**

试验报告编号/ Test Report No. : 13413278-775430-B  
 试验报告日期/ Test Report Date : 2022-02-17  
 试验单位/ Laboratory: LCIE  
 试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : SPEC22AA0627  
 试验报告日期/ Test Report Date : 2022-05-10  
 试验单位/ Laboratory: F-Lab  
 试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA0628  
 试验报告日期/ Test Report Date : 2022-05-18  
 试验单位/ Laboratory: F-Lab  
 试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA0629

试验报告日期/ Test Report Date : 2022-05-18  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA1123  
试验报告日期/ Test Report Date : 2022-05-05  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA1127v2  
试验报告日期/ Test Report Date : 2022-05-12  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA1437  
试验报告日期/ Test Report Date : 2022-05-10  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA1439  
试验报告日期/ Test Report Date : 2022-05-10  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : SPEC22AA1440  
试验报告日期/ Test Report Date : 2022-05-10  
试验单位/ Laboratory: F-Lab  
试验单位地址/ Test Address: 37,Quai Paul Louis Merlin Grenoble Cedex 9,France

试验报告编号/ Test Report No. : 173442-768238-A  
试验报告日期/ Test Report Date : 2021-09-08  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 173442-768238-B  
试验报告日期/ Test Report Date : 2021-09-08  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 157394-733097-A  
试验报告日期/ Test Report Date : 2019-06-04  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 164183-744396-A  
试验报告日期/ Test Report Date : 2020-02-26  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 172902-766281  
试验报告日期/ Test Report Date : 2022-03-11  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 172902-766324  
试验报告日期/ Test Report Date : 2022-03-11  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 172902-766341  
试验报告日期/ Test Report Date : 2022-03-11  
试验单位/ Laboratory: LCIE  
试验单位地址/ Test Address: Site de Grenoble,Moirans,France

试验报告编号/ Test Report No. : 201504917\_082, 201504917\_084  
试验报告日期/ Test Report Date : 2017-01-25

试验报告编号/ Test Report No. : 201605195\_017  
试验报告日期/ Test Report Date : 2017-03-03

试验报告编号/ Test Report No. : 201504917\_108\_v1, 201504917\_110\_v1  
试验报告日期/ Test Report Date : 2017-01-12

试验报告编号/ Test Report No. : 201605195\_013  
试验报告日期/ Test Report Date : 2017-02-21

试验报告编号/ Test Report No. : 201504917\_099\_v2, 201504917\_105\_v1  
试验报告日期/ Test Report Date : 2017-01-12

试验报告编号/ Test Report No. : FR\_700907, FR\_700908, FR\_700915, FR\_700916  
试验报告日期/ Test Report Date : 2017-06-15

试验报告编号/ Test Report No. : 145009-694006, 145009-694007  
试验报告日期/ Test Report Date : 2017-06-12

试验报告编号/ Test Report No. : FR\_701040-A1, FR\_701043-A1  
试验报告日期/ Test Report Date : 2017-07-10

试验报告编号/ Test Report No. : 147408-700313, 147408-705683  
试验报告日期/ Test Report Date : 2017-07-04

试验报告编号/ Test Report No. : 147408-700317, 147408-705668  
试验报告日期/ Test Report Date : 2017-06-13

试验报告编号/ Test Report No. : FR\_700480, FR\_700481, FR\_700482, FR\_700483  
试验报告日期/ Test Report Date : 2017-03-30

试验报告编号/ Test Report No. : 140491-692759, 140491-692763  
试验报告日期/ Test Report Date : 2017-03-28

试验报告编号/ Test Report No. : FR\_700383, FR\_700390, FR\_700391, FR\_700394  
试验报告日期/ Test Report Date : 2017-03-16

试验报告编号/ Test Report No. : 140491-692765, 140491-692768  
试验报告日期/ Test Report Date : 2017-03-13

试验报告编号/ Test Report No. : FR\_700171A, FR\_700315  
试验报告日期/ Test Report Date : 2017-03-07

试验报告编号/ Test Report No. : 140491-697921  
试验报告日期/ Test Report Date : 2017-03-01

试验报告编号/ Test Report No. : 140491-697923  
试验报告日期/ Test Report Date : 2017-02-27

试验报告编号/ Test Report No. : FR\_700345-M1, FR\_700355-M1, 152572-714444/714446  
试验报告日期/ Test Report Date : 2018-04-05

试验报告编号/ Test Report No. : 140491-697915/697917  
试验报告日期/ Test Report Date : 2017-03-08

试验报告编号/ Test Report No. : 140491-682632, 140491-692757  
试验报告日期/ Test Report Date : 2017-03-29

试验报告编号/ Test Report No. : 140491-697925, 140491-697927  
试验报告日期/ Test Report Date : 2017-03-15

试验报告编号/ Test Report No. : 145188-694373-C  
试验报告日期/ Test Report Date : 2017-01-02

试验报告编号/ Test Report No. : 141610-685260-C  
试验报告日期/ Test Report Date : 2017-02-17

试验报告编号/ Test Report No. : 201605195\_051  
试验报告日期/ Test Report Date : 2017-02-07

试验报告编号/ Test Report No. : 143619-690528-A, 143620-690532-A  
试验报告日期/ Test Report Date : 2017-02-03



试验报告编号/ Test Report No. : 201605195\_011  
 试验报告日期/ Test Report Date : 2017-04-25

### 认可后的产品检验方式/ Method of Product Inspection after Approval

按规范只认可不进行产品检验的产品/The product approved only in term of the rules:  
 认可后的产品检验由制造厂按本社批准的产品检验计划进行检验, 经检验合格后由制造厂签发合格证明, 并连同该产品的本社认可证书复印件一并交付用户, 制造厂对产品符合公约、法规、本社规范和本社认可的标准规定负责。  
 After approval, product inspection should be carried out by the Manufacturer in accordance with the product inspection scheme approved by the Society. Upon satisfactory inspection, and the Quality Certificate issued by the Manufacturer should be provided to the purchaser together with the copy of the approval certificate issued by the Society. The manufacturer should take responsibility for the product being in compliance with the convention, statutory regulation, the Society rules and the standard accepted by the Society.

### 认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 如果属于获得型式认可B 模式证书, 且无需颁发船用产品证书/等效证明文件的情况, 证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在周年日的前后三个月内进行。

If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

### 备注/Remarks

本证书由原型式认可证书 (No. :PA19PTB00003\_03) 换新并替换原证书。

This certificate is renewed from and supersedes the previous Type Approval Certificate No. PA19PTB00003\_03.

本社已审核了产品厂无石棉声明, 但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

MasterPact MTZ circuit-breakers equipped with Micrologic X control units : 2.0X - 5.0X - 6.0X

Manufactured by

SCHNEIDER ELECTRIC FRANCE - MASTERTECH  
70 Rue de la Grange Batie, Z. I. Centr'Alp, 38430 Moirans, France

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**中国船级社巴黎办事处**  
**CCS Paris Office**