



中国船级社  
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.  
PA23PTB00005

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

变频器  
Frequency Converter

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3章  
Chapter 3, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2023 and its Change Notices

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02月06日/ Feb. 06,2027

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04日  
Sep. 04,2023

本证书根据中国船级社规范和相关规定签发。所有证书页为一个整体，必须同时使用。纸质证书每页均须由本社盖章方为有效，电子证书含数字签名方为有效，本证书复印件无效。任何单位和个人不应摘录或节选本证书的部分内容。有关方对所持证书的真实性有疑问时，可以向本社检验机构咨询。This Certificate is issued pursuant to the Rules of the Society and related regulation. All pages of the certificate are taken as a whole and are used simultaneously. No paper certificate page is valid without bearing the stamp of the Society, no electronic certificates is valid without the digital signature, and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.



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:P023-79606616

**产品明细/Product Description****变频器/Frequency Converter (M0001)**

名称/Name	属性(值)/Value	单位/Unit
型号/Type	详见附页 See Additional Pages	
频率/Frequency	详见附页 See Additional Pages	
外壳防护等级/Degree of Protection of Enclosure	详见附页和备注 See Additional Pages and Remarks	
额定输入电压/Rated Input Voltage	详见附页 See Additional Pages	
额定输入电流/Rated Input Current	详见附页 See Additional Pages	
额定输出功率/Rated Output Power	详见附页 See Additional Pages	

**批准的图纸/Approved Drawings**

图纸批准号/ Drawings Approval No. : NP22PPP04224

**产品认可试验报告/ Approval Test Report**

试验报告编号/ Test Report No. : C3782  
 试验报告日期/ Test Report Date : 2019-12-20  
 试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
 试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : TGM-VA EE 37725 EMC-1  
 试验报告日期/ Test Report Date : 2019-11-05  
 试验单位/ Laboratory: Technologisches Gewerbemuseum  
 试验单位地址/ Test Address: A-1210 Wien, Austria

试验报告编号/ Test Report No. : C2814  
 试验报告日期/ Test Report Date : 2018-06-18  
 试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
 试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C3810  
 试验报告日期/ Test Report Date : 2019-10-08  
 试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
 试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C3812  
 试验报告日期/ Test Report Date : 2019-10-09  
 试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
 试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C2648  
 试验报告日期/ Test Report Date : 2018-04-10  
 试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
 试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : TGM-VA EE 38409 EMC  
 试验报告日期/ Test Report Date : 2020-04-30  
 试验单位/ Laboratory: Technologisches Gewerbemuseum  
 试验单位地址/ Test Address: A-1210 Wien, Austria

试验报告编号/ Test Report No. : TGM-VA EE 38499 EMC  
 试验报告日期/ Test Report Date : 2020-08-06  
 试验单位/ Laboratory: Technologisches Gewerbemuseum  
 试验单位地址/ Test Address: A-1210 Wien, Austria

试验报告编号/ Test Report No. : 2.00.80515.1.0  
 试验报告日期/ Test Report Date : 2019-09-26  
 试验单位/ Laboratory: AIT Austrian Institute of Technology GmbH  
 试验单位地址/ Test Address: A-1210 Wien, Austria

试验报告编号/ Test Report No. : C1777

试验报告日期/ Test Report Date : 2017-10-09  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C2520  
试验报告日期/ Test Report Date : 2017-11-28  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : TGM- VA EE 37333 EMC-1  
试验报告日期/ Test Report Date : 2019-11-05  
试验单位/ Laboratory: Technologisches Gewerbemuseum  
试验单位地址/ Test Address: A-1210 Wien,Austria

试验报告编号/ Test Report No. : TGM- VA EE 37725a EMC  
试验报告日期/ Test Report Date : 2018-08-07  
试验单位/ Laboratory: Technologisches Gewerbemuseum  
试验单位地址/ Test Address: A-1210 Wien,Austria

试验报告编号/ Test Report No. : TGM-VA EE 38007 EMC  
试验报告日期/ Test Report Date : 2019-04-10  
试验单位/ Laboratory: Technologisches Gewerbemuseum  
试验单位地址/ Test Address: A-1210 Wien,Austria

试验报告编号/ Test Report No. : C3781  
试验报告日期/ Test Report Date : 2019-10-30  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C3602-V3  
试验报告日期/ Test Report Date : 2019-02-07  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C4174  
试验报告日期/ Test Report Date : 2020-12-03  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C3815  
试验报告日期/ Test Report Date : 2019-11-12  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : C2536  
试验报告日期/ Test Report Date : 2018-03-15  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

试验报告编号/ Test Report No. : TGM-VA EE 38661 EMC  
试验报告日期/ Test Report Date : 2020-12-08  
试验单位/ Laboratory: Technologisches Gewerbemuseum  
试验单位地址/ Test Address: A-1210 Wien,Austria

试验报告编号/ Test Report No. : C3590-V3  
试验报告日期/ Test Report Date : 2019-01-09  
试验单位/ Laboratory: Schneider Electric Power Drives GmbH  
试验单位地址/ Test Address: Ruthnergasse 1, 1210 Wien, Austria

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

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:  
认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验, 经检验合格后由本社颁发船用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

**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**

1. 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.

2. Manufacturer name and address:

AA. Manufacturer Name: WuXi Pro-face Co., Ltd

Address: No. 20 Hanjiang Road, National Hi-Tech Industrial Development Zone, 214001 Wuxi, Jiangsu, China.

BB. Assembly & Factory Acceptance Test Manufacturer Name: Schneider Electric Equipment & Engineering (Xi'an) Co., Ltd.

Address: 26 ZhangBa 8th Road, High Tech Zone, Xi'an, ShaanXi Province, China.

3. Approval Condition:

The equipment is not allowed to be exposed on weather deck area.

Environmental Category: A

4. Cabinet integration:

As per Schneider Electric Integration Manuals:

Degree of protection: IP21/IP54

Vibration dampers: Required

Anti-Condensation heating: Yes, or installation at locations where special precautions to avoid condensation are taken.

5. 本证书由原型式认可证书 (No. PA22PTB00007) 变更并替代原证书。

This certificate is modified from and supersedes the previous Type Approval Certificate No. PA22PTB00007.

**中国船级社巴黎办事处**

**CCS Paris Office**

注: 本证书含有附页, 共8页

Note: The certificate is attached with additional 8 page(s)

### Appendix

**Type:** Altivar Process Modular ATV electronic frequency converter and accessories  
according following type codes

Type	Module Size	Motor Power Normal Duty (ND)at 40°C [kW]	Motor Power Heavy Duty (HD) at 40°C [kW]	Current Ratingat 40°C IN [A]	
				ND	HD
ATVx 400V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11Q4/ATV9A0C11Q4 ATV6B0C11Q4/ATV9B0C11Q4	1	110	90	198 175	167 144
ATV6A0C13Q4/ATV9A0C13Q4 ATV6B0C13Q4/ATV9B0C13Q4	1	132	110	233 208	198 174
ATV6A0C16Q4/ATV9A0C16Q4 ATV6B0C16Q4/ATV9B0C16Q4	1	160	132	278 252	233 208
ATV6A0C20Q4/ATV9A0C20Q4 ATV6B0C20Q4/ATV9B0C20Q4	2	200	160	352 313	290 252
ATV6A0C25Q4/ATV9A0C25Q4 ATV6B0C25Q4/ATV9B0C25Q4	2	250	200	432 389	353 313
ATV6A0C31Q4/ATV9A0C31Q4 ATV6B0C31Q4/ATV9B0C31Q4	2	315	250	538 491	432 389
ATV6A0C35Q4/ATV9A0C35Q4 ATV6B0C35Q4/ATV9B0C35Q4	3	355	280	611 553	489 436
ATV6A0C40Q4/ATV9A0C40Q4 ATV6B0C40Q4/ATV9B0C40Q4	3	400	315	681 620	545 491
ATV6A0C45Q4/ATV9A0C45Q4 ATV6B0C45Q4/ATV9B0C45Q4	3	450	355	764 697	611 553
ATV6A0C50Q4/ATV9A0C50Q4 ATV6B0C50Q4/ATV9B0C50Q4	3	500	400	846 775	681 620
ATV6A0C56Q4/ATV9A0C56Q4 ATV6B0C56Q4/ATV9B0C56Q4	4	560	450	948 868	767 697
ATV6A0C63Q4/ATV9A0C63Q4 ATV6B0C63Q4/ATV9B0C63Q4	4	630	500	1058 971	849 775
ATV6A0C71Q4/ATV9A0C71Q4 ATV6B0C71Q4/ATV9B0C71Q4	5	710	560	1192 1094	951 868
ATV6A0C80Q4/ATV9A0C80Q4 ATV6B0C80Q4/ATV9B0C80Q4	5	800	630	1335 1227	1069 71
ATV6A0M10Q4/ATV9A0M10Q4 ATV6B0M10Q4/ATV9B0M10Q4	6	1000	800	1692 1550	1362 1240

**TYPE continued**

Type	Module Size	Motor Power Normal Duty (ND) at 40°C [kW]	Motor Power Heavy Duty (HD) at 40°C [kW]	Current Rating at 40°C	
				IN [A] ND	HD
ATVx 400V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C80Q4/ATV9A0C80Q4 ATV6B0C80Q4/ATV9B0C80Q4	5	800	630	1335 1227	1061 971
ATVx 440V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11R4/ATV9A0C11R4 ATV6B0C11R4/ATV9B0C11R4	1	110	90	183 159	155 132
ATV6A0C13R4/ATV9A0C13R4 ATV6B0C13R4/ATV9B0C13R4	1	132	110	214 190	183 159
ATV6A0C16R4/ATV9A0C16R4 ATV6B0C16R4/ATV9B0C16R4	1	160	132	255 229	214 190
ATV6A0C20R4/ATV9A0C20R4 ATV6B0C20R4/ATV9B0C20R4	2	200	160	325 285	269 229
ATV6A0C25R4/ATV9A0C25R4 ATV6B0C25R4/ATV9B0C25R4	2	250	200	396 354	325 285
ATV6A0C31R4/ATV9A0C31R4 ATV6B0C31R4/ATV9B0C31R4	2	315	250	493 446	396 354
ATV6A0C35R4/ATV9A0C35R4 ATV6B0C35R4/ATV9B0C35R4	3	355	280	559 503	450 396
ATV6A0C40R4/ATV9A0C40R4 ATV6B0C40R4/ATV9B0C40R4	3	400	315	623 563	501 446
ATV6A0C45R4/ATV9A0C45R4 ATV6B0C45R4/ATV9B0C45R4	3	450	355	697 634	559 503
ATV6A0C50R4/ATV9A0C50R4 ATV6B0C50R4/ATV9B0C50R4	3	500	400	771 704	623 563
ATV6A0C56R4/ATV9A0C56R4 ATV6B0C56R4/ATV9B0C56R4	4	560	450	865 789	703 634
ATV6A0C63R4/ATV9A0C63R4 ATV6B0C63R4/ATV9B0C63R4	4	630	500	965 883	776 704
ATV6A0C71R4/ATV9A0C71R4 ATV6B0C71R4/ATV9B0C71R4	5	710	560	1087 995	869 789
ATV6A0C80R4/ATV9A0C80R4 ATV6B0C80R4/ATV9B0C80R4	5	800	630	1216 1115	968 883
ATV6A0M10R4/ATV9A0M10R4 ATV6B0M10R4/ATV9B0M10R4	6	1000	800	1542 1408	1246 1126

**TYPE continued**

Type	Module Size	Motor Power Normal Duty (ND) at 40°C [HP]	Motor Power Heavy Duty (HD) at 40°C [HP]	Current Rating at 40°C	
				IN [A] ND	HD
ATVx 480V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11T4/ATV9A0C11T4 ATV6B0C11T4/ATV9B0C11T4	1	150	125	168 148	145 125
ATV6A0C13T4/ATV9A0C13T4 ATV6B0C13T4/ATV9B0C13T4	1	200	150	218 197	168 148
ATV6A0C16T4/ATV9A0C16T4 ATV6B0C16T4/ATV9B0C16T4	1	250	200	268 245	218 197
ATV6A0C20T4/ATV9A0C20T4 ATV6B0C20T4/ATV9B0C20T4	2	300	250	328 292	280 245
ATV6A0C25T4/ATV9A0C25T4 ATV6B0C25T4/ATV9B0C25T4	2	400	300	427 387	328 292
ATV6A0C31T4/ATV9A0C31T4 ATV6B0C31T4/ATV9B0C31T4	2	500	400	528 484	427 387
ATV6A0C35T4/ATV9A0C35T4 ATV6B0C35T4/ATV9B0C35T4	3	550	450	586 533	486 436
ATV6A0C40T4/ATV9A0C40T4 ATV6B0C40T4/ATV9B0C40T4	3	600	500	634 578	536 484
ATV6A0C45T4/ATV9A0C45T4 ATV6B0C45T4/ATV9B0C45T4	3	650	550	685 626	586 533
ATV6A0C50T4/ATV9A0C50T4 ATV6B0C50T4/ATV9B0C50T4	3	700	600	736 674	634 578
ATV6A0C56T4/ATV9A0C56T4 ATV6B0C56T4/ATV9B0C56T4	4	800	650	842 771	690 626
ATV6A0C63T4/ATV9A0C63T4 ATV6B0C63T4/ATV9B0C63T4	4	900	700	939 862	740 674
ATV6A0C71T4/ATV9A0C71T4 ATV6B0C71T4/ATV9B0C71T4	5	1000	800	1044 958	846 771
ATV6A0C80T4/ATV9A0C80T4 ATV6B0C80T4/ATV9B0C80T4	5	1100	900	1146 1049	942 862
ATV6A0M10T4/ATV9A0M10T4 ATV6B0M10T4/ATV9B0M10T4	6	1400	1100	1472 1348	1268 1156

**TYPE continued**

Type	Module Size	Motor Power Normal Duty (ND) at 40°C [KW]	Motor Power Heavy Duty (HD) at 40°C [KW]	Current Rating at 40°C IN [A]	
				ND	HD
ATVx 500V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11N6/ATV9A0C11N6 ATV6B0C11N6/ATV9B0C11N6	1	75	55	110 98	83 72
ATV6A0C13N6/ATV9A0C13N6 ATV6B0C13N6/ATV9B0C13N6	1	90	75	129 117	110 98
ATV6A0C16N6/ATV9A0C16N6 ATV6B0C16N6/ATV9B0C16N6	1	110	90	154 141	129 117
ATV6A0C20N6/ATV9A0C20N6 ATV6B0C20N6/ATV9B0C20N6	1	132	110	183 169	154 141
ATV6A0C25N6/ATV9A0C25N6 ATV6B0C25N6/ATV9B0C25N6	2	160	132	225 204	190 169
ATV6A0C31N6/ATV9A0C31N6 ATV6B0C31N6/ATV9B0C31N6	2	220	160	303 278	225 204
ATV6A0C40N6/ATV9A0C40N6 ATV6B0C40N6/ATV9B0C40N6	2	280	220	380 352	303 278
ATV6A0C50N6/ATV9A0C50N6 ATV6B0C50N6/ATV9B0C50N6	3	355	280	484 446	385 352
ATV6A0C63N6/ATV9A0C63N6 ATV6B0C63N6/ATV9B0C63N6	3	450	355	607 562	484 446
ATV6A0C80N6/ATV9A0C80N6 ATV6B0C80N6/ATV9B0C80N6	4	560	450	756 701	610 564
ATV6A0M10N6/ATV9A0M10N6 ATV6B0M10N6/ATV9B0M10N6	5	710	560	954 884	758 701
ATV6A0M12N6/ATV9A0M12N6 ATV6B0M12N6/ATV9B0M12N6	6	800	710	1070 991	954 884
ATVx 600V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11T6/ATV9A0C11T6 ATV6B0C11T6/ATV9B0C11T6	1	125	100	112 102	92 82
ATV6A0C13T6/ATV9A0C13T6 ATV6B0C13T6/ATV9B0C13T6	1	150	125	131 121	112 102
ATV6A0C16T6/ATV9A0C16T6 ATV6B0C16T6/ATV9B0C16T6	1	175	150	152 142	131 121



## TYPE continued

Type	Module Size	Motor Power Normal Duty (ND) at 40°C [HP]	Motor Power Heavy Duty (HD) at 40°C [HP]	Current Rating at 40°C	
				IN [A] ND	HD
ATVx 600V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C20T6/ATV9A0C20T6 ATV6B0C20T6/ATV9B0C20T6	1	200	175	172 161	152 142
ATV6A0C25T6/ATV9A0C25T6 ATV6B0C25T6/ATV9B0C25T6	2	250	200	218 199	179 160
ATV6A0C31T6/ATV9A0C31T6 ATV6B0C31T6/ATV9B0C31T6	2	350	250	298 277	218 199
ATV6A0C40T6/ATV9A0C40T6 ATV6B0C40T6/ATV9B0C40T6	2	450	350	379 355	298 277
ATV6A0C50T6/ATV9A0C50T6 ATV6B0C50T6/ATV9B0C50T6	3	550	450	464 434	383 355
ATV6A0C63T6/ATV9A0C63T6 ATV6B0C63T6/ATV9B0C63T6	3	650	550	544 511	464 434
ATV6A0C80T6/ATV9A0C80T6 ATV6B0C80T6/ATV9B0C80T6	4	800	650	670 628	547 513
ATV6A0M10T6/ATV9A0M10T6 ATV6B0M10T6/ATV9B0M10T6	5	1000	800	833 785	673 628
ATV6A0M12T6/ATV9A0M12T6 ATV6B0M12T6/ATV9B0M12T6	6	1200	1000	994 937	835 785
ATVx 690V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C11Q6/ATV9A0C11Q6 ATV6B0C11Q6/ATV9B0C11Q6	1	110	90	118 102	100 85
ATV6A0C13Q6 /ATV9A0C13Q6 ATV6B0C13Q6/ATV9B0C13Q6	1	132	110	138 122	118 102
ATV6A0C16Q6/ATV9A0C16Q6 ATV6B0C16Q6/ATV9B0C16Q6	1	160	132	163 148	138 122
ATV6A0C20Q6/ATV9A0C20Q6 ATV6B0C20Q6/ATV9B0C20Q6	1	200	160	200 183	163 148
ATV6A0C25Q6/ATV9A0C25Q6 ATV6B0C25Q6/ATV9B0C25Q6	2	250	200	255 228	211 183
ATV6A0C31Q6/ATV9A0C31Q6 ATV6B0C31Q6/ATV9B0C31Q6	2	315	250	316 287	255 228

**TYPE continued**

Type	Module Size	Motor Power Normal Duty (ND) at 40°C [KW]	Motor Power Heavy Duty (HD) at 40°C [KW]	Current Rating at 40°C	
				IN [A] ND	HD
ATVx 690V Mains Supply ; SW Version: ATV6x V2.6IE29_B11/ ATV9x V3.1IE24_B17					
ATV6A0C40Q6/ATV9A0C40Q6 ATV6B0C40Q6/ATV9B0C40Q6	2	400	315	394 363	316 287
ATV6A0C50Q6/ATV9A0C50Q6 ATV6B0C50Q6/ATV9B0C50Q6	3	500	400	495 453	401 362
ATV6A0C63Q6/ATV9A0C63Q6 ATV6B0C63Q6/ATV9B0C63Q6	3	630	500	615 568	495 453
ATV6A0C80Q6/ATV9A0C80Q6 ATV6B0C80Q6/ATV9B0C80Q6	4	800	630	776 718	619 569
ATV6A0M10Q6/ATV9A0M10Q6 ATV6B0M10Q6/ATV9B0M10Q6	5	1000	800	969 898	779 718
ATV6A0M12Q6/ATV9A0M12Q6 ATV6B0M12Q6/ATV9B0M12Q6	6	1200	1000	1161 1078	971 898

**TYPE continued**

Type	Breaking Voltage [Vdc]	Max. continuous breaking current at 40°C [A]	Max. continuous breaking power at 40°C [kW]	Current Rating at 40°C IN [A]
400V Power Supply				
MODBUOC16Q4APM	780	69	75	85
MODBUOC31Q4APM	780	125	130	161
MODBUOC50Q4APM	780	198	225	247
MODBUOC63Q4APM	780	125	260	161
MODBUOC80Q4APM	780	198	355	274
440V Power Supply				
MODBUOC16R4APM	780	69	75	85
MODBUOC31R4APM	780	125	130	161
MODBUOC50R4APM	780	198	225	247
MODBUOC63R4APM	780	125	260	161
MODBUOC80R4APM	780	198	355	274
480V Power Supply				
MODBUOC16T4APM	780	69	75	85
MODBUOC31T4APM	780	125	130	161
MODBUOC50T4APM	780	198	225	247
MODBUOC63T4APM	780	125	260	161
MODBUOC80T4APM	780	198	355	274
500V Power Supply				
MODBUOC20N6APM	1130	58	85	74
MODBUOC40N6APM	1130	110	165	142
MODBUOC63N6APM	1130	175	285	216
MODBUOC80N6APM	1130	110	330	142
MODBUOM10N6APM	1130	175	450	216
MODBUOM12N6APM	1130	172	550	204
600V Power Supply				
MODBUOC20T6APM	1130	58	85	74
MODBUOC40T6APM	1130	110	165	142
MODBUOC63T6APM	1130	175	285	216
MODBUOC80T6APM	1130	110	330	142
MODBUOM10T6APM	1130	175	450	216
MODBUOM12T6APM	1130	172	550	204

**TYPE continued**

Type	Breaking Voltage [Vdc]	Max. continuous breaking current at 40°C [A]	Max. continuous breaking power at 40°C [kW]	Current Rating at 40°C IN [A]
690V Power Supply				
MODBUOC20Q6APM	1130	58	85	74
MODBUOC40Q6APM	1130	110	165	142
MODBUOC63Q6APM	1130	175	285	216
MODBUOC80Q6APM	1130	110	330	142
MODBUOM10Q6APM	1130	175	450	216
MODBUOM12Q6APM	1130	172	550	204

Degree of protection: IP 00  
Nominal Input frequency: 50/60 Hz