



EU DECLARATION OF CONFORMITY

We : Schneider Electric Industries SAS
35 rue Joseph Monier
Rueil Malmaison 92500 – France

Hereby declare under our sole responsibility that the products:

Trademark	Schneider Electric
Product, Type	Modules APM and dedicated VW3 options.
List of APM references and options	See next pages with possible power rating table.

Are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards.

Directive	Harmonized standard / Notified body reference
LV Directive 2014/35/EU	EN 61800-5-1: 2007 /A1:2017 Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy. (IEC 61800-5-1/A1:2016)
EMC Directive 2014/30/EU	EN 61800-3: 2017 Adjustable speed electrical power drive systems – part 3: EMC requirements and specific test methods. (IEC 61800-3:2017)
Machine Directive 2006/42/EC	EN ISO 13849-1:2015 Category 3, PL“e” Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
	EN ISO 13849-2:2012 Safety of machinery – Safety-related parts of control systems – Part 2: Validation
	EN 61800-5-2:2016 (SIL 3) Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional. (IEC 61800-5-2:2016 Compil)
	EN 62061:2005 + A1:2012 + A2:2015 (SIL _{CL} 3) Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems.
	A certification has been carried out by TÜV NORD SYSTEMS GMBH & CO. KG: (European Notified Body identified under the number 0045) Certificate n° SEBS-A 105339-15 V2.0
Ecodesign Directive 2009/125/EC and Ecodesign implementing Commission Regulation (EU) 2019/1781	EN 61800-9-2:2017 Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters (IEC 61800-9-2:2017)
European Directive 2011/65/EU - “Restriction of Hazardous Substances” (RoHS) & Delegated Directive (EU) 2015/863 (RoHS 10)	EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances. Specific offer compliance information about RoHS are publicized on se.com



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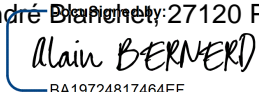
Subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to accepted rules of the art. This declaration becomes invalid in the case of any modification to the products not authorized by Schneider Electric.

Compliance with the Machinery & EMC Directives will require the application of the Safety guide and EMC guide giving requirements, details and advices for installation of products used.

The guides are available on <http://www.se.com>

Person in charge of technical documentation:

Frédéric Roussel, Schneider Toshiba Inverter Europe, rue André Blavier, 27120 Pacy/Eure – France.

A handwritten signature in black ink that reads "Alain BERNERD". The signature is written in a cursive style with some capital letters.

BA19724817464EF

Issued at Carros - FRANCE: 05/07/2021

Name : Alain BERNERD
Industrial Control & Drives
Customer Satisfaction & Quality
Vice President



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Part Number	Designation
APM1A0C16N4	Standard Power Module 160kW - 380...480V - IP00
APM1A0C16N401	Standard Power Module 160kW - 380...480V - IP00
APM1A0C20Y6	Standard Power Module 200kW - 500...690V - IP00
APM1A0C20S6	Standard Power Module 200HP - 600V - IP00
APM1B0C16N4	LH/Regen Power Module 160kW - 380...480V - IP00
APM1B0C20Y6	LH/Regen Power Module 200kW - 500...690V - IP00
APM6A0CTLN4	Standard Control Unit ATV600 - 380...480V
APM6A0CTLN401	Standard Control Unit ATV600 - 380...480V
APM6A0CTLY6	Standard Control Unit ATV600 - 500...690V
APM9A0CTLN4	Standard Control Unit ATV900 - 380...480V
APM9A0CTLN401	Standard Control Unit ATV900 - 380...480V
APM9A0CTLY6	Standard Control Unit ATV900 - 500...690V
APM6B0CTLN4	LH/Regen Control Unit ATV600 - 380...480V
APM6B0CTLY6	LH/Regen Control Unit ATV600 - 500...690V
APM9B0CTLN4	LH/Regen Control Unit ATV900 - 380...480V
APM9B0CTLY6	LH/Regen Control Unit ATV900 - 500...690V
APMBC0C50N4	Braking Module for APM 380...480V
APMBC0C63Y6	Braking Module for APM 500...690V
APMBC0CTLN4	Control Unit for Braking Unit 380...480V
APMBC0CTLY6	Control Unit for Braking Unit 500...690V
APM1A0C16N4RH	Stand. APM reduced height 160kW - 380...480V - IP00
APM1A0C20Y6RH	Stand. APM reduced height 200kW - 500...690V - IP00
APMCA01LCN4RH	Mains Module Reduced Height. 1 choke - 380...480V
APMCA02LCN4RH	Mains Module Reduced Height. 2 chokes - 380...480V
APMCA03LCN4RH	Mains Module Reduced Height. 3 chokes - 380...480V
APMCA01LCY6RH	Mains Module Reduced Height. 1 choke - 500...690V
APMCA02LCY6RH	Mains Module Reduced Height. 2 chokes - 500...690V
APMCA03LCY6RH	Mains Module Reduced Height. 3 chokes - 500...690V

Note: If the panelbuilder will use the modules and the options according to the integration manual PHA24517, the final drive is able to fulfil the standard below.

IEC61439-1: 2011

Low-voltage switchgear and controlgear assemblies – Part 1: General rules

IEC61439-2: 2011

Low-voltage switchgear and controlgear assemblies - Part 2 : power switchgear and controlgear assemblies

Subject to correct installation, maintenance and use conforming to its intended purpose to the applicable regulations and standards IEC61439-1, IEC61439-2.



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possible power rating table of drive			
Qty of APM1A0C16N4 Standard range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	400V	ND 110kW / HD 90kW	ATV6A0C11Q4, ATV9A0C11Q4
1	400V	ND 132kW / HD 110kW	ATV6A0C13Q4, ATV9A0C13Q4
1	400V	ND 160kW / HD 132kW	ATV6A0C16Q4, ATV9A0C16Q4
2	400V	ND 200kW / HD 160kW	ATV6A0C20Q4, ATV9A0C20Q4
2	400V	ND 250kW / HD 200kW	ATV6A0C25Q4, ATV9A0C25Q4
2	400V	ND 315kW / HD 250kW	ATV6A0C31Q4, ATV9A0C31Q4
3	400V	ND 355kW / HD 280kW	ATV6A0C35Q4, ATV9A0C35Q4
3	400V	ND 400kW / HD 315kW	ATV6A0C40Q4, ATV9A0C40Q4
3	400V	ND 450kW / HD 355kW	ATV6A0C45Q4, ATV9A0C45Q4
3	400V	ND 500kW / HD 400kW	ATV6A0C50Q4, ATV9A0C50Q4
4	400V	ND 560kW / HD 450kW	ATV6A0C56Q4, ATV9A0C56Q4
4	400V	ND 630kW / HD 500kW	ATV6A0C63Q4, ATV9A0C63Q4
5	400V	ND 710kW / HD 560kW	ATV6A0C71Q4, ATV9A0C71Q4
5	400V	ND 800kW / HD 630kW	ATV6A0C80Q4, ATV9A0C80Q4
1	440V	ND 110kW / HD 90kW	ATV6A0C11R4, ATV9A0C11R4
1	440V	ND 132kW / HD 110kW	ATV6A0C13R4, ATV9A0C13R4
1	440V	ND 160kW / HD 132kW	ATV6A0C16R4, ATV9A0C16R4
2	440V	ND 200kW / HD 160kW	ATV6A0C20R4, ATV9A0C20R4
2	440V	ND 250kW / HD 200kW	ATV6A0C25R4, ATV9A0C25R4
2	440V	ND 315kW / HD 250kW	ATV6A0C31R4, ATV9A0C31R4
3	440V	ND 355kW / HD 280kW	ATV6A0C35R4, ATV9A0C35R4
3	440V	ND 400kW / HD 315kW	ATV6A0C40R4, ATV9A0C40R4
3	440V	ND 450kW / HD 355kW	ATV6A0C45R4, ATV9A0C45R4
3	440V	ND 500kW / HD 400kW	ATV6A0C50R4, ATV9A0C50R4
4	440V	ND 560kW / HD 450kW	ATV6A0C56R4, ATV9A0C56R4
4	440V	ND 630kW / HD 500kW	ATV6A0C63R4, ATV9A0C63R4
5	440V	ND 710kW / HD 560kW	ATV6A0C71R4, ATV9A0C71R4
5	440V	ND 800kW / HD 630kW	ATV6A0C80R4, ATV9A0C80R4
1	480V	ND 150HP / HD 125HP	ATV6A0C11T4, ATV9A0C11T4
1	480V	ND 200 HP / HD 150HP	ATV6A0C13T4, ATV9A0C13T4
1	480V	ND 250 HP / HD 200HP	ATV6A0C16T4, ATV9A0C16T4
2	480V	ND 300 HP / HD 250HP	ATV6A0C20T4, ATV9A0C20T4
2	480V	ND 400 HP / HD 300HP	ATV6A0C25T4, ATV9A0C25T4
2	480V	ND 500 HP / HD 400HP	ATV6A0C31T4, ATV9A0C31T4
3	480V	ND 550 HP / HD 450HP	ATV6A0C35T4, ATV9A0C35T4
3	480V	ND 600 HP / HD 500HP	ATV6A0C40T4, ATV9A0C40T4
3	480V	ND 650 HP / HD 550HP	ATV6A0C45T4, ATV9A0C45T4
3	480V	ND 700 HP / HD 600HP	ATV6A0C50T4, ATV9A0C50T4
4	480V	ND 800 HP / HD 650HP	ATV6A0C56T4, ATV9A0C56T4
4	480V	ND 900 HP / HD 700HP	ATV6A0C63T4, ATV9A0C63T4
5	480V	ND 1000 HP / HD 800HP	ATV6A0C71T4, ATV9A0C71T4
5	480V	ND 1100 HP / HD 900HP	ATV6A0C80T4, ATV9A0C80T4



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possible power rating table of drive			
Qty of APM1A0C20Y6 Standard range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	500V	ND 75kW / HD 55kW	ATV6A0C11N6, ATV9A0C11N6
1	500V	ND 90kW / HD 75kW	ATV6A0C13N6, ATV9A0C13N6
1	500V	ND 110kW / HD 90kW	ATV6A0C16N6, ATV9A0C16N6
1	500V	ND 132kW / HD 110kW	ATV6A0C20N6, ATV9A0C20N6
2	500V	ND 160kW / HD 132kW	ATV6A0C25N6, ATV9A0C25N6
2	500V	ND 220kW / HD 160kW	ATV6A0C31N6, ATV9A0C31N6
2	500V	ND 280kW / HD 220kW	ATV6A0C40N6, ATV9A0C40N6
3	500V	ND 355kW / HD 280kW	ATV6A0C50N6, ATV9A0C50N6
3	500V	ND 450kW / HD 355kW	ATV6A0C63N6, ATV9A0C63N6
4	500V	ND 560kW / HD 450kW	ATV6A0C80N6, ATV9A0C80N6
5	500V	ND 710kW / HD 560kW	ATV6A0M10N6, ATV9A0M10N6
6	500V	ND 800kW / HD 710kW	ATV6A0M12N6, ATV9A0M12N6

possible power rating table of drive			
Qty of APM1A0C20Y6 Standard range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	600V	ND 125HP / HD 100HP	ATV6A0C11T6, ATV9A0C11T6
1	600V	ND 150HP / HD 125HP	ATV6A0C13T6, ATV9A0C13T6
1	600V	ND 175HP / HD 150HP	ATV6A0C16T6, ATV9A0C16T6
1	600V	ND 200HP / HD 175HP	ATV6A0C20T6, ATV9A0C20T6
2	600V	ND 250HP / HD 200HP	ATV6A0C25T6, ATV9A0C25T6
2	600V	ND 350HP / HD 250HP	ATV6A0C31T6, ATV9A0C31T6
2	600V	ND 450HP / HD 350HP	ATV6A0C40T6, ATV9A0C40T6
3	600V	ND 550HP / HD 450HP	ATV6A0C50T6, ATV9A0C50T6
3	600V	ND 650HP / HD 550HP	ATV6A0C63T6, ATV9A0C63T6
4	600V	ND 800HP / HD 650HP	ATV6A0C80T6, ATV9A0C80T6
5	600V	ND 1000HP / HD 800HP	ATV6A0M10T6, ATV9A0M10T6
6	600V	ND 1200HP / HD 1000HP	ATV6A0M12T6, ATV9A0M12T6

possible power rating table of drive			
Qty of APM1A0C20Y6 Standard range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	690V	ND 110kW / HD 90kW	ATV6A0C11Q6, ATV9A0C11Q6
1	690V	ND 132kW / HD 110kW	ATV6A0C13Q6, ATV9A0C13Q6
1	690V	ND 160kW / HD 132kW	ATV6A0C16Q6, ATV9A0C16Q6
1	690V	ND 200kW / HD 160kW	ATV6A0C20Q6, ATV9A0C20Q6
2	690V	ND 250kW / HD 200kW	ATV6A0C25Q6, ATV9A0C25Q6
2	690V	ND 315kW / HD 250kW	ATV6A0C31Q6, ATV9A0C31Q6
2	690V	ND 400kW / HD 315kW	ATV6A0C40Q6, ATV9A0C40Q6
3	690V	ND 500kW / HD 400kW	ATV6A0C50Q6, ATV9A0C50Q6
3	690V	ND 630kW / HD 500kW	ATV6A0C63Q6, ATV9A0C63Q6
4	690V	ND 800kW / HD 630kW	ATV6A0C80Q6, ATV9A0C80Q6
5	690V	ND 1000kW / HD 800kW	ATV6A0M10Q6, ATV9A0M10Q6
6	690V	ND 1200kW / HD 1000kW	ATV6A0M12Q6, ATV9A0M12Q6



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possible power rating table of drive			
Qty of APM1B0C16N4 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	400V	ND 110kW / HD 90kW	ATV6B0C11Q4, ATV9B0C11Q4
1	400V	ND132kW / HD 110kW	ATV6B0C13Q4, ATV9B0C13Q4
1	400V	ND 160kW / HD 132kW	ATV6B0C16Q4, ATV9B0C16Q4
2	400V	ND 200kW / HD 160kW	ATV6B0C20Q4, ATV9B0C20Q4
2	400V	ND 250kW / HD 200kW	ATV6B0C25Q4, ATV9B0C25Q4
2	400V	ND 315kW / HD 250kW	ATV6B0C31Q4, ATV9B0C31Q4
3	400V	ND 355kW / HD 280kW	ATV6B0C35Q4, ATV9B0C35Q4
3	400V	ND 400kW / HD 315kW	ATV6B0C40Q4, ATV9B0C40Q4
3	400V	ND 450kW / HD 355kW	ATV6B0C45Q4, ATV9B0C45Q4
3	400V	ND 500kW / HD 400kW	ATV6B0C50Q4, ATV9B0C50Q4
4	400V	ND 560kW / HD 450kW	ATV6B0C56Q4, ATV9B0C56Q4
4	400V	ND 630kW / HD 500kW	ATV6B0C63Q4, ATV9B0C63Q4
5	400V	ND 710kW / HD 560kW	ATV6B0C71Q4, ATV9B0C71Q4
5	400V	ND 800kW / HD 630kW	ATV6B0C80Q4, ATV9B0C80Q4

possible power rating table of drive			
Qty of APM1B0C16N4 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	440V	ND 110kW / HD 90kW	ATV6B0C11R4, ATV9B0C11R4
1	440V	ND132kW / HD 110kW	ATV6B0C13R4, ATV9B0C13R4
1	440V	ND 160kW / HD 132kW	ATV6B0C16R4, ATV9B0C16R4
2	440V	ND 200kW / HD 160kW	ATV6B0C20R4, ATV9B0C20R4
2	440V	ND 250kW / HD 200kW	ATV6B0C25R4, ATV9B0C25R4
2	440V	ND 315kW / HD 250kW	ATV6B0C31R4, ATV9B0C31R4
3	440V	ND 355kW / HD 280kW	ATV6B0C35R4, ATV9B0C35R4
3	440V	ND 400kW / HD 315kW	ATV6B0C40R4, ATV9B0C40R4
3	440V	ND 450kW / HD 355kW	ATV6B0C45R4, ATV9B0C45R4
3	440V	ND 500kW / HD 400kW	ATV6B0C50R4, ATV9B0C50R4
4	440V	ND 560kW / HD 450kW	ATV6B0C56R4, ATV9B0C56R4
4	440V	ND 630kW / HD 500kW	ATV6B0C63R4, ATV9B0C63R4
5	440V	ND 710kW / HD 560kW	ATV6B0C71R4, ATV9B0C71R4
5	440V	ND 800kW / HD 630kW	ATV6B0C80R4, ATV9B0C80R4

possible power rating table of drive			
Qty of APM1B0C16N4 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	480V	ND 150HP / HD 125HP	ATV6B0C11T4, ATV9B0C11T4
1	480V	ND 200 HP / HD 150HP	ATV6B0C13T4, ATV9B0C13T4
1	480V	ND 250 HP / HD 200HP	ATV6B0C16T4, ATV9B0C16T4
2	480V	ND 300 HP / HD 250HP	ATV6B0C20T4, ATV9B0C20T4
2	480V	ND 400 HP / HD 300HP	ATV6B0C25T4, ATV9B0C25T4
2	480V	ND 500 HP / HD 400HP	ATV6B0C31T4, ATV9B0C31T4
3	480V	ND 550 HP / HD 450HP	ATV6B0C35T4, ATV9B0C35T4
3	480V	ND 600 HP / HD 500HP	ATV6B0C40T4, ATV9B0C40T4
3	480V	ND 650 HP / HD 550HP	ATV6B0C45T4, ATV9B0C45T4
3	480V	ND 700 HP / HD 600HP	ATV6B0C50T4, ATV9B0C50T4
4	480V	ND 800 HP / HD 650HP	ATV6B0C56T4, ATV9B0C56T4
4	480V	ND 900 HP / HD 700HP	ATV6B0C63T4, ATV9B0C63T4
5	480V	ND 1000 HP / HD 800HP	ATV6B0C71T4, ATV9B0C71T4
5	480V	HD 1100 HP / HD 900HP	ATV6B0C80T4, ATV9B0C80T4



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possible power rating table of drive			
Qty of APM1B0C20Y6 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	500V	ND 75kW / HD 55kW	ATV6B0C11N6, ATV9B0C11N6
1	500V	ND 90kW / HD 75kW	ATV6B0C13N6, ATV9B0C13N6
1	500V	ND 110kW / HD 90kW	ATV6B0C16N6, ATV9B0C16N6
1	500V	ND 132kW / HD 110kW	ATV6B0C20N6, ATV9B0C20N6
2	500V	ND 160kW / HD 132kW	ATV6B0C25N6, ATV9B0C25N6
2	500V	ND 220kW / HD 160kW	ATV6B0C31N6, ATV9B0C31N6
2	500V	ND 280kW / HD 220kW	ATV6B0C40N6, ATV9B0C40N6
3	500V	ND 355kW / HD 280kW	ATV6B0C50N6, ATV9B0C50N6
3	500V	ND 450kW / HD 355kW	ATV6B0C63N6, ATV9B0C63N6
4	500V	ND 560kW / HD 450kW	ATV6B0C80N6, ATV9B0C80N6
5	500V	ND 710kW / HD 560kW	ATV6B0M10N6, ATV9B0M10N6
6	500V	ND 800kW / HD 710kW	ATV6B0M12N6, ATV9B0M12N6

possible power rating table of drive			
Qty of APM1B0C20Y6 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	600V	ND 125HP / HD 100HP	ATV6B0C11T6, ATV9B0C11T6
1	600V	ND 150HP / HD 125HP	ATV6B0C13T6, ATV9B0C13T6
1	600V	ND 175HP / HD 150HP	ATV6B0C16T6, ATV9B0C16T6
1	600V	ND 200HP / HD 175HP	ATV6B0C20T6, ATV9B0C20T6
2	600V	ND 250HP / HD 200HP	ATV6B0C25T6, ATV9B0C25T6
2	600V	ND 350HP / HD 250HP	ATV6B0C31T6, ATV9B0C31T6
2	600V	ND 450HP / HD 350HP	ATV6B0C40T6, ATV9B0C40T6
3	600V	ND 550HP / HD 450HP	ATV6B0C50T6, ATV9B0C50T6
3	600V	ND 650HP / HD 550HP	ATV6B0C63T6, ATV9B0C63T6
4	600V	ND 800HP / HD 650HP	ATV6B0C80T6, ATV9B0C80T6
5	600V	ND 1000HP / HD 800HP	ATV6B0M10T6, ATV9B0M10T6
6	600V	ND 1200HP / HD 1000HP	ATV6B0M12T6, ATV9B0M12T6

possible power rating table of drive			
Qty of APM1B0C20Y6 Low harmonic range	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	600V	ND 110kW / HD 90kW	ATV6B0C11Q6, ATV9B0C11Q6
1	690V	ND 132kW / HD 110kW	ATV6B0C13Q6, ATV9B0C13Q6
1	690V	ND 160kW / HD 132kW	ATV6B0C16Q6, ATV9B0C16Q6
1	690V	ND 200kW / HD 160kW	ATV6B0C20Q6, ATV9B0C20Q6
2	690V	ND 250kW / HD 200kW	ATV6B0C25Q6, ATV9B0C25Q6
2	690V	ND 315kW / HD 250kW	ATV6B0C31Q6, ATV9B0C31Q6
2	690V	ND 400kW / HD 315kW	ATV6B0C40Q6, ATV9B0C40Q6
3	690V	ND 500kW / HD 400kW	ATV6B0C50Q6, ATV9B0C50Q6
3	690V	ND 630kW / HD 500kW	ATV6B0C63Q6, ATV9B0C63Q6
4	690V	ND 800kW / HD 630kW	ATV6B0C80Q6, ATV9B0C80Q6
5	690V	ND 1000kW / HD 800kW	ATV6B0M10Q6, ATV9B0M10Q6
6	690V	ND 1200kW / HD 1000kW	ATV6B0M12Q6, ATV9B0M12Q6



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possible power rating table of drive			
Qty of APM1B0C20Y6 Low harmonic range (Specific integration)	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	600V	ND 200kW / HD 160kW	ATV9B0C20T6T2
2	600V	ND 400kW / HD 315kW	ATV9B0C40T6T2
3	600V	ND 630kW / HD 500kW	ATV9B0C63T6T2
4	600V	ND 800kW / HD 630kW	ATV9B0C80T6T2
5	600V	ND 1000kW / HD 800kW	ATV9B0M10T6T2
6	600V	ND 1200kW / HD 1000kW	ATV9B0M12T6T2
7	600V	ND 1200kW / HD 1000kW	ATV9B0M13T6T2

possible power rating table of drive			
Qty of APM1B0C20Y6 Low harmonic range (Specific integration)	Voltage Rating	Power Rating Normal / Heavy Duty	Possible Operational drive reference
1	690V	ND 200kW / HD 160kW	ATV9B0C20Q6T1
2	690V	ND 400kW / HD 315kW	ATV9B0C40Q6T1
3	690V	ND 630kW / HD 500kW	ATV9B0C63Q6T1
4	690V	ND 800kW / HD 630kW	ATV9B0C80Q6T1
5	690V	ND 1000kW / HD 800kW	ATV9B0M10Q6T1
6	690V	ND 1200kW / HD 1000kW	ATV9B0M12Q6T1
7	690V	ND 1200kW / HD 1000kW	ATV9B0M13Q6T1



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possible power rating table of braking unit		
Qty of APMBC0C50N4 B.U	Voltage Rating	Default associated Drive Power Rating Normal / Heavy Duty
1	400V	ND 160kW / HD 132kW
1	400V	ND 315kW / HD 250kW
1	400V	ND 500kW / HD 400kW
2	400V	ND 630kW / HD 500kW (*)
2	400V	ND 800kW / HD 630kW (*)
1	440V	ND 160kW / HD 132kW
1	440V	ND 315kW / HD 250kW
1	440V	ND 500kW / HD 400kW
2	440V	ND 630kW / HD 500kW (*)
2	440V	ND 800kW / HD 630kW (*)
1	480V	ND 160HP / HD 200HP
1	480V	ND 315HP / HD 400HP
1	480V	ND 500HP / HD 600HP
2	480V	ND 630HP / HD 700HP (*)
2	480V	ND 800HP / HD 900HP (*)

(*) in combination with Standard APM Single Drives only

possible power rating table of braking unit		
Qty of APMBC0C63Y6 B.U	Voltage Rating	Default associated Drive Power Rating Normal / Heavy Duty
1	500V	ND 132kW / HD 110kW
1	500V	ND 280kW / HD 220kW
1	500V	ND 450kW / HD 355kW
2	500V	ND 560kW / HD 450kW (*)
2	500V	ND 710kW / HD 560kW (*)
2	500V	ND 800kW / HD 710kW (*)
1	600V	ND 132kW / HD 175kW
1	600V	ND 280kW / HD 350kW
1	600V	ND 450kW / HD 550kW
2	600V	ND 560kW / HD 650kW (*)
2	600V	ND 710kW / HD 800kW (*)
2	600V	ND 800kW / HD 1000kW (*)
1	690V	ND 132HP / HD 160HP
1	690V	ND 280HP / HD 315HP
1	690V	ND 450HP / HD 500HP
2	690V	ND 560HP / HD 630HP (*)
2	690V	ND 710HP / HD 800HP (*)
2	690V	ND 800HP / HD 1000HP (*)

(*) in combination with Standard APM Single Drives only



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Designation of dedicated options for mounting/cabling	Part Number
Front Face Cover for one Standard Power Module. Common for both 380...480V & 500...690V standard single drive architectures.	VW3A97A01
Front Face Cover for one Low Harmonic Power Module. Common for both 380...480V & 500...690V Low Harmonic Single Drive architectures	VW3A97B01
Power Busbar Kit to connect 2 x side by side Standard Power Modules. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABPC
Power Busbar Kit to connect 2 x side by side Standard Power Modules or a side by side STD Power Module & Braking Module. Common for both 380...480V & 500...690V Standard APM Single Drive architectures.	VW3A98ABPC1
Power Busbar Kit to connect 2 x Distant Standard Power Modules integrated in Side by Side cabinet columns of (600mm + 600mm) or (800mm + 600mm) width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABPDCE
Power Busbar Kit to connect [2 x Distant Standard Power Modules] or [2 x distant Standard Power Module & Braking Module] integrated in Side by Side cabinet columns of (600mm + 600mm) or (800mm + 600mm) width. Common for both 380...480V & 500...690V Standard APM Single Drive architectures.	VW3A98ABPDCE1
Power Busbar Kit to connect 2 x Distant Standard Power Modules integrated in Side by Side cabinet columns (800mm + 800mm) width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABPDCF
Power Busbar Kit to connect 1 x Standard Power Module with 1 x Braking Module integrated in Side by Side cabinet columns (800mm + 400mm) width. [MFR54941,...]	VW3A98ABPDCH
Mains Busbar Kit to connect 1 x stand alone Standard Power Module integrated in a cabinet of 400mm width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABMAAA
Mains Busbar Kit to connect 2 x side by side Standard Power Modules integrated in a cabinet of 600mm width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABMCAB
Mains Busbar Kit to connect 3 x side by side Standard Power Modules integrated in a cabinet of 800mm width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABMCAC
Mains Busbar Kit for connection between 2 x Distant Standard Power Modules integrated in two side by side cabinet columns (600mm + 600mm) or (800mm + 600mm) width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABMDCE
Mains Busbar Kit for connection between 2 x Distant Standard Power Modules integrated in two side by side cabinet columns (800mm + 800mm) width. Common for both 380...480V & 500...690V Single Drives architectures.	VW3A98ABMDCF
Power Busbar Kit to connect 2 x side by side Low Harmonic Power Modules. Common for both 380...480V & 500...690V Low Harmonic Single Drive architectures.	VW3A98BBPC
Power Busbar kit to connect 2 x distant Low Harmonic Power Modules integrated in two side by side cabinets columns [600 mm + 1000 mm] or [1000 mm + 1000mm] width. Common for 380...480V & 500...690V Low Harmonic Single Drive architectures.	VW3A98BBPDCG
Power Busbar Kit to connect side by side 1 x LH/Regen Power Module with 1..2 x Braking Module.	VW3A98BBPDCK
Power Busbar Kit to connect side by side 1 x LH/Regen Power Module with 1 x Braking Module.	VW3A98BBPK
Mains Busbar Kit to connect 1 x stand alone Low Harmonic Power Module integrated in a cabinet of 600mm width. Common for both 380...480V & 500...690V Low Harmonic Single Drive architectures.	VW3A98BBMAAB
Mains Busbar Kit to connect 2 x side by side Low Harmonic Power Module integrated in a cabinet of 1000mm width. Common for both 380...480V & 500...690V Low Harmonic Single Drive architectures.	VW3A98BBMCAD
Mains Busbar kit for connection between 2 x Distant Low Harmonic Power Modules integrated in two side by side cabinets columns of [600 + 1000 mm] or [1000+1000 mm] width. Common for both 380...480V & 500...690V Low Harmonic Single Drive architectures.	VW3A98BBMDCG
Mains bus bar fixation kit to be added in each cabinet column of the single drive architecture. Common for 380...480V, 500...690V & 600V Power Modules. Common for standard & Low Harmonic/Regen Power Modules	VW3A98CTM01
Mains Terminal Kit for Single Drive architectures. Common for both 380...480V, 500...690V & 600V Power Modules. Common for Standard & Low Harmonic/Regen Single Drives architectures.	VW3A98CTM02
Mains Terminal Extension Plates for Single Drives architectures with UL certification Common for both 380...480V & 500...690V Standard Power Modules and Low Harmonic Power Modules in IP54 /UL Type12 integration type.	VW3A98CTM03



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Mains bar support for a required SCR rating > 50kA. Must be used for an APM Single Drive with an expected SCR rating of 65kA or 100kA. Common for both 380...480V & 500...690V Standard Power Modules and Low Harmonic Power Modules in IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A98CTM04
Fuses 400A - 380...480V Common for Standard & Low Harmonic/Regen Power Modules	VW3A98CF4040
Fuses 315A - 500...690V Common for Standard Power Modules & Low Harmonic Power Modules	VW3A98CF3169
Digi-Link Cable 2m length for control network between a Control Unit and the Power Modules. Common for both Standard and Low Harmonic/Regen architectures.	VW3A83CDG020
Digi-Link Cable 3m length for control network between a Control Unit and the Power Modules. Common for both Standard and Low Harmonic/Regen architectures.	VW3A83CDG030
Digi-Link Cable 5m length for control network between a Control Unit and the Power Modules. Common for both Standard and Low Harmonic/Regen architectures.	VW3A83CDG050
Digi-Link Cable 10m length for control network between a Control Unit and the Power Modules. Common for both Standard and Low Harmonic/Regen architectures.	VW3A83CDG100
Removable Support for Standard Power Module integration. Common for 380...480V, 500...690V & 600V standard Power Modules. Reusable for each cabinet integration of a standard Power Module	VW3A99AR01
Removable Support for Low Harmonic Power Module integration. Common for 380...480V, 500...690V & 600V Low Harmonic Power Modules. Reusable for each cabinet integration of a Low Harmonic Power Module	VW3A99BR01
Mechanical Mounting Kit for integration of 1 x Standard Power Module architecture in a 400mm width cabinet from SAREL & RITTAL. Common for 380...480V, 500...690V & 600V standard power modules. Common for IP21 & IP54 integration.	VW3A99ACFAA
KIT for 1XSTDPBMCAB INTEGRATION VX25	VW3A99ACFAA01
Mechanical Mounting Kit for integration of 1 x Mains Module architecture in a 1,6m Height x 600mm width cabinet. Common for 380...480V, 500...690V & 600V Mains Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFABM
Mechanical Mounting Kit for integration of a 2 x Standard Power Modules architecture in a 600mm width cabinet from SAREL & RITTAL. Common for 380...480V & 500...690V standard power modules. Common for IP21 & IP54 integration.	VW3A99ACFCB
Mechanical Mounting Kit for integration of a 2 x Standard Power Modules architecture in a 2m Height x 600mm width cabinet. Common for 380...480V & 500...690V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFCB01
Mechanical Mounting Kit for integration of a [2 x Standard Power Modules] or [1 x Standard Power Module plus 1 x Braking Module] or [2 x Braking Modules] architecture in a 1,6m x 600mm width cabinet. Common for 380...480V & 500...690V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFCBM01
Mechanical Mounting Kit for integration of a [2 x Standard Power Modules] or [1 x Standard Power Module plus 1 x Braking Module] or [2 x Braking Modules] architecture in a 1,6m x 600mm width cabinet. Common for 380...480V & 500...690V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFCBM02
Mechanical Mounting Kit for integration of [1 x Standard Power Module] plus [1 x Mains Module] architecture in a 1,6m Height x 800mm width cabinet. Common for 380...480V, 500...690V & 600V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFCBN01
Mechanical Mounting Kit for integration of [3 x Standard Power Modules] or [2 x Standard Power Modules plus 1 x Braking Module] in a 1,6m Height x 800mm Width cabinet. Common for 380...480V, 500...690V & 600V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFEFN01
Mechanical Mounting Kit for integration of [3 x Standard Power Modules] or [2 x Standard Power Modules plus 1 x Braking Module] in a 1,6m Height x 800mm Width cabinet. Common for 380...480V, 500...690V & 600V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFEFN02
Mechanical Mounting Kit for integration of a 3 x Standard Power Modules architecture in a 800mm width cabinet from SAREL & RITTAL. Common for 380...480V & 500...690V standard power modules. Common for IP21 & IP54 integration.	VW3A99ACFEC



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Mechanical Mounting Kit for integration of a 3 x Standard Power Modules architecture in a 2m Height x 800mm width cabinet. Common for 380...480V & 500...690V Standard Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99ACFEC01
TOP outlet cooling Air Duct for 1 x Standard Power Module in IP54 integration. Common for 380...480V, 500...690V & 600V standard power modules.	VW3A99ACA03
Bottom support for integration of a Standard Power Module in IP21 & 600mm depth cabinets from SAREL & RITTAL. Common for 380...480V, 500...690V & 600V standard power modules.	VW3A99ACA01
Bottom support for an IP21 / UL Type1 integration type of a Standard Power Module in a 2m height x 600mm depth cabinets. Common for 380...480V, 500...690V & 600V Standard Power Modules.	VW3A99ACA07
Bottom support for integration of a Standard Power Module in IP54 & 600mm depth cabinets from SAREL & RITTAL. Common for 380...480V, 500...690V & 600V standard power modules.	VW3A99ACA02
Bottom support for an IP54 / UL Type12 integration type of a Standard Power Module in a 2m height x 600mm depth cabinet. Common for 380...480V, 500...690V & 600V Standard Power Modules.	VW3A99ACA08
TOP outlet cooling Air Duct for an IP54 / UL Type12 integration type of [1 x Standard Power Module] or [1 x Braking Module] in a 1,6m height cabinet. Common for 380...480V, 500...690V & 600V Standard Power Modules.	VW3A99ACA04
Bottom support for an IP21 / UL Type1 integration type of a [Standard Power Module] or [Mains Module] or [Braking module] in a 1,6m height x 600mm depth cabinet. Common for 380...480V, 500...690V & 600V Modules.	VW3A99ACA05
Bottom support for an IP54 / UL Type12 integration type of a [Standard Power Module] or [Mains Module] or [Braking module] in a 1,6m height x 600mm depth cabinet. Common for 380...480V, 500...690V & 600V Modules.	VW3A99ACA06
Bottom support for an IP21 / UL Type1 integration type of a [Standard Power Module] or [Mains Module] or [Braking module] in a 1,6m height x 600mm depth cabinets. Common for 380...480V, 500...690V & 600V Modules.	VW3A99ACA09
Bottom support for an IP54 / UL Type12 integration type of a [Standard Power Module] or [Mains Module] or [Braking module] in a 1,6m height x 600mm depth cabinet. Common for 380...480V, 500...690V & 600V Modules.	VW3A99ACA10
TOP outlet cooling Air Duct for an IP54 / UL Type12 integration type of 1 x Mains Module in a 1,6m height cabinet. Common for 380...480V, 500...690V & 600V Mains Modules.	VW3A99ACA11
TOP outlet cooling Air Duct for an IP54 / UL Type12 integration of a [Standard Power Module] or [Braking Module] in a 1,6m height x 600mm depth cabinet with an air cooling outlet at the top rear side of the cabinet . Common for 380...480V, 500...690V & 600V Standard Power Modules.	VW3A99ACA12
TOP outlet cooling Air Duct for an IP54 / UL Type12 integration type of a Mains Module in a 1,6m height x 600mm depth cabinet with an air cooling outlet at the top rear side of the cabinet. Common for 380...480V, 500...690V & 600V Mains Modules.	VW3A99ACA13
Mechanical Mounting Kit for integration of 1 x Low Harmonic Power Module in a 2m Height x 600mm width cabinet. Common for 380...480V & 500...690V Low Harmonic Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99BCFAB
Mechanical Mounting Kit for integration of 1 x Low Harmonic Power Module in a 2m Height x 600mm width cabinet. Common for 380...480V & 500...690V Low Harmonic Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99BCFAB01
Mechanical Mounting Kit for integration of 2 x Low Harmonic Power Module in a 2m Height x 1000mm width cabinet. Common for 380...480V & 500...690V Low Harmonic Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99BCFCD
Mechanical Mounting Kit for integration of 2 x Low Harmonic Power Module in a 2m Height x 1000mm width cabinet. Common for 380...480V & 500...690V Low Harmonic Power Modules. Common for IP21 / UL Type1 & IP54 / UL Type12 integration types.	VW3A99BCFCD01
TOP outlet cooling Air Duct for an IP54 / UL Type12 integration type of 1 x Low Harmonic Power Module. Common for 380...480V & 500...690V Low Harmonic Power Modules.	VW3A99BCA03
Bottom inlet air duct for an IP54 / UL Type12 integration type of 1 x Low Harmonic Power Module in a 600mm depth cabinet. Common for 380...480V & 500...690V Low Harmonic Power Modules.	VW3A99BCA02
Module-Link Cable 1m length for > Daisy-chain control network between Low Harmonic Power Modules > Link control between the APM Drive control unit and the Braking control unit	VW3A83BMR010



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Module-Link Cable 1.5m length for > Daisy-chain control network between Low Harmonic Power Modules > Link control between the APM Drive control unit and the Braking control unit	VW3A83BMR015
Module-Link Cable 5m length for > Daisy-chain control network between Low Harmonic Power Modules > Link control between the APM Drive control unit and the Braking control unit	VW3A83BMR050
LH - Boost Option side by side LH and two side by side cabinets	MFR3921
Chokes 215A / 690V	VW3A5104 / 8P01143
Chokes 314A / 690V	VW3A5105 / 8P01144
Chokes 481A / 690V	VW3A5106 / 8P01145
Chokes 759A / 690V	VW3A5107 / 8P01146
Chokes 1188A / 690V	VW3A5108 / 8P01147

The following control options are considered with APM (common with all Altivar Process offers):

Catalogue references	Designations
VW3A3203	Expansion Card With Additional I/O
VW3A3204	Expansion Card With Relay Outputs
VW3A3420	Digital encoder interface module 5 / 12V
VW3A3422	Analog encoder interface module
VW3A3423	Digital encoder interface module
VW3A3601	Communication Card EtherCat
VW3A3607	Communication Card Profibus DP
VW3A3608	Communication Card CANopen Daisy Chain
VW3A3609	Communication Card DeviceNet
VW3A3618	Communication Card CANopen SUB-D9
VW3A3627	Communication Card ProfiNet
VW3A3628	Communication Card CANopen With Screw Terminals
VW3A3720	Communication Card Modbus TCP or EtherNet IP