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Specification Sheet

VersiCharge™ IEC Charging Unit

Safe charging of electric vehicles

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Easy charging at home

VersiCharge IEC charging unit: A modern, functional design and easy handling to create an optimized solution for use in private garages and semi-public parking lots. The protection type IP56 facilitates outdoor applications, e.g. in carports.

Comfortable handling

The charging process starts as soon as the charging coupler is connected to the electric vehicle. A charging delay in two-hour increments (2/4/6/8 hours) up to a maximum of 8 hours can be selected via the delay function. This allows charging with photovoltaic current or utilizing off-peak tariffs. LEDs display the current charging state. Additional LED indicators are at the top right and left of the enclosure for convenient indication of charging status from a distance.




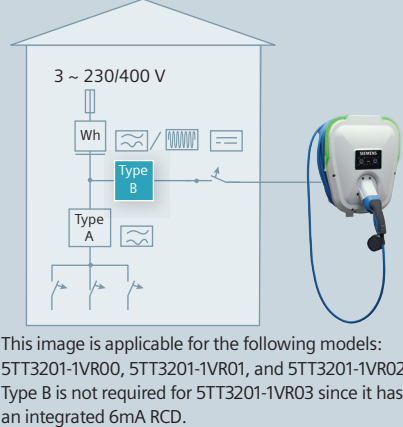
Easy installation

The system-tested and CE-compliant VersiCharge IEC charging unit is connected quickly and easily to a 230/400 V grid. A private installation requires an upstream installation of an RCCB and MCB to guarantee sufficient safety for people and assets. The RCCB type B is no longer needed for 5TT32011VR03 since it includes integrated 6 mA detection. The installer can optionally limit the current consumption when installing the VersiCharge IEC charging unit and adapt the device to the electric installation conditions. An included mounting plate facilitates wall mounting.

Technical Features						
	Attribute	5TT32011VR00	5TT32011VR01	5TT32011VR02	5TT32011VR03	
Essentials	Input Voltage	230V AC				
	Max. Rated Current	20A		32A		
	Frequency	50Hz				
	Output Power	4.6kW		22kW	7.2kW	
	Standby Power	Less than 9 Watts				
	Rated Fault Current	No Overcurrent Protection				
	Cord Length	4m	7m			
	Wall Weight	5.67 kg				
	Dimensions in cm	36.83 W x 40.64 H x 16.51 D				
	Enclosure	IP56				
Plug-in Installation	Hardwired					
Connectivity	N/A					
Electrical	Circuit Requirement	See table on page 3*				
Mechanical	Connector	Type 2: IEC 62196				
	Wire Cross-Section	2.5 mm ²		4 mm ²		
Safety and Operational	Standards Compliance	IEC/EN 61851; IEC/EN 62196-2; IEC 60364-1; IEC 60947				
	Operating Temperature	-35°C to +50°C				
	Storage Temperature	-40°C to +60°C				
	Operating Humidity	Maximum 98% non-condensing				

*Adjustment of amperage output possible via dial in the unit, will effect the power output of charger.

VersiCharge IEC charging unit with upstream personal and line protection for additional safety

5SM3 RCCB, type B	5SL4 MCB	5SV3 RCCB, type A	Upstream protection for home installation
			

Product selection for upstream personal and line protection for additional safety

Order No.	Max. current	Default setting	Setting options
5TT3201-1VR00	1x20A	20A	6A / 6A / 10A / 15A / 20A
5TT3201-1VR01	1x20A	20A	6A / 6A / 10A / 15A / 20A
5TT3201-1VR02	3x32A	32A	6A / 8A / 16A / 24A / 32A
5TT3201-1VR03	1x32A	32A	6A / 8A / 16A / 24A / 32A

Order No.	Rate Current	RCCB type B	RCCB type A	MCB
5TT3201-1VR00	6	5SM3321-4	–	5SL4506-7
5TT3201-1VR00	10	5SM3321-4	–	5SL4510-7
5TT3201-1VR00	15	5SM3321-4	–	5SL4516-7
5TT3201-1VR00	20	5SM3322-4	–	5SL4520-7
5TT3201-1VR01	6	5SM3321-4	–	5SL4506-7
5TT3201-1VR01	10	5SM3321-4	–	5SL4510-7
5TT3201-1VR01	15	5SM3321-4	–	5SL4516-7
5TT3201-1VR01	20	5SM3322-4	–	5SL4520-7
5TT3201-1VR02	6	5SM3342-4	–	5SL4306-7
5TT3201-1VR02	8	5SM3342-4	–	5SL4308-7
5TT3201-1VR02	16	5SM3342-4	–	5SL4316-7
5TT3201-1VR02	24	5SM3344-4	–	5SL4325-7
5TT3201-1VR02	32	5SM3344-4	–	5SL4332-7
5TT3201-1VR03	6	–	5SV3312-6	5SL4506-7
5TT3201-1VR03	8	–	5SV3312-6	5SL4508-7
5TT3201-1VR03	16	–	5SV3312-6	5SL4516-7
5TT3201-1VR03	24	–	5SV3312-6	5SL4525-7
5TT3201-1VR03	32	–	5SV3314-6	5SL4532-7

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