SIEMENS

Ingenuity for life

Specification Sheet

VersiCharge™ IEC Charging Unit

Safe charging of electric vehicles

support.industry.siemens.com

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.

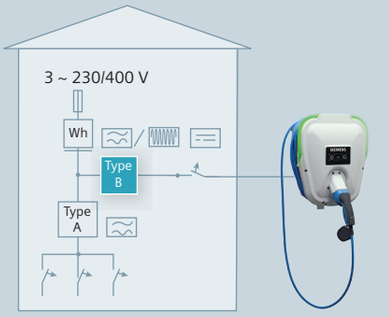
Easy installation

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
			 This image is applicable for the following models: 5TT3201-1VR00, 5TT3201-1VR01, and 5TT3201-1VR02. Type B is not required for 5TT3201-1VR03 since it has an integrated 6mA RCD.

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

Siemens
Energy Management Division
Low Voltage and Products
5400 Triangle Parkway Northwest
Norcross, Georgia 30092

1-800-241-4453
info.us@siemens.com

Subject to change without prior notice
Order No. RPBR-VCIDS-0517
Printed in USA