# **SIEMENS**

Ingenuity for life



# 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  No Overcurrent Protection				
	Rated Fault Current					
	Cord Length	4m		7m		
	Wall Weight	5.67 kg 36.83 W x 40.64 H x 16.51 D  IP56  Hardwired  N/A				
	Dimensions in cm					
	Enclosure					
	Plug-in Installation					
	Connectivity					
Electrical	Circuit Requirement	See table on page 3*				
Mechanical	Connector	Type 2: IEC 62196				
	Wire Cross-Section	2.5	mm²	4 r	mm²	
Safety and Operational	Standards Compliance	IEC/EN 61851; IEC/EN 62196-2; IEC 60364-1; IEC 60947				
	Operating Temperature	-35°C to +50°C -40°C to +60°C Maximum 98% non-condensing				
	Storage Temperature					
	Operating Humidity					

<sup>\*</sup>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



## 5SL4 MCB

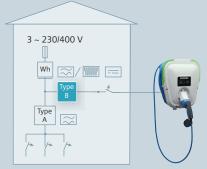
#### 5SV3 RCCB, type A

## 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         -         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         15         5SM3322-4         -         5SL4506-7           5TT3201-1VR01         20         5SM3342-4         -         5SL4306-7           5TT3201-1VR02         6         5SM3342-4         -         5SL4306-7           5TT3201-1VR02         16         5SM3342-4         -         5SL4306-7           5TT3201-1VR02         24         5SM3344-4         -         5SL4325-7           5TT3201-1VR03         6         -         5SV3312-6         5SL4506-7           5TT3201-1VR03         16         -         5SV3312-6         5SL4506-7           5TT3201-1VR03	5115201111105	17(32)(	3271	0,1,7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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         -         5SL4516-7           5TT3201-1VR01         15         5SM3321-4         -         5SL4520-7           5TT3201-1VR01         20         5SM3322-4         -         5SL4506-7           5TT3201-1VR02         6         5SM3342-4         -         5SL4306-7           5TT3201-1VR02         8         5SM3342-4         -         5SL4306-7           5TT3201-1VR02         16         5SM3342-4         -         5SL4316-7           5TT3201-1VR02         24         5SM3344-4         -         5SL4325-7           5TT3201-1VR03         6         -         5SV3312-6         5SL4506-7           5TT3201-1VR03         16         -         5SV3312-6         5SL4506-7           5TT3201-1VR03         16         -         5SV3312-6         5SL4516-7           5TT3201-1VR03	Order No.	Rate Current	RCCB type B	RCCB type A	MCB
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         -         5SL4500-7           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         5SL4508-7           5TT3201-1VR03         16         -         5SV3312-6         5SL4516-7           5TT3201-1VR03         16         -         5SV3312-6         5SL4525-7	5TT3201-1VR00	6	5SM3321-4	-	5SL4506-7
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       -       5SL4316-7         5TT3201-1VR02       16       5SM3342-4       -       5SL4316-7         5TT3201-1VR02       24       5SM3344-4       -       5SL4325-7         5TT3201-1VR03       6       -       5SV3312-6       5SL4506-7         5TT3201-1VR03       8       -       5SV3312-6       5SL4508-7         5TT3201-1VR03       16       -       5SV3312-6       5SL4516-7         5TT3201-1VR03       16       -       5SV3312-6       5SL4516-7         5TT3201-1VR03       24       -       5SV3312-6       5SL4525-7	5TT3201-1VR00	10	5SM3321-4	_	5SL4510-7
5TT3201-1VR01       6       55M3321-4       -       55L4506-7         5TT3201-1VR01       10       55M3321-4       -       55L4510-7         5TT3201-1VR01       15       55M3321-4       -       55L4516-7         5TT3201-1VR01       20       55M3322-4       -       55L4500-7         5TT3201-1VR02       6       55M3342-4       -       55L4306-7         5TT3201-1VR02       8       55M3342-4       -       55L4308-7         5TT3201-1VR02       16       55M3342-4       -       55L4316-7         5TT3201-1VR02       24       55M3344-4       -       55L4325-7         5TT3201-1VR03       6       -       55V3312-6       55L4506-7         5TT3201-1VR03       8       -       55V3312-6       55L4508-7         5TT3201-1VR03       16       -       55V3312-6       55L4516-7         5TT3201-1VR03       24       -       55V3312-6       55L4516-7	5TT3201-1VR00	15	5SM3321-4	-	5SL4516-7
5TT3201-1VR01       10       55M3321-4       -       55L4510-7         5TT3201-1VR01       15       55M3321-4       -       55L4516-7         5TT3201-1VR01       20       55M3322-4       -       55L4520-7         5TT3201-1VR02       6       55M3342-4       -       55L4306-7         5TT3201-1VR02       8       55M3342-4       -       55L4308-7         5TT3201-1VR02       16       55M3342-4       -       55L4316-7         5TT3201-1VR02       24       55M3344-4       -       55L4325-7         5TT3201-1VR03       6       -       55V3312-6       55L4506-7         5TT3201-1VR03       8       -       55V3312-6       55L4508-7         5TT3201-1VR03       16       -       55V3312-6       55L4516-7         5TT3201-1VR03       24       -       55V3312-6       55L4516-7	5TT3201-1VR00	20	5SM3322-4	_	5SL4520-7
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       5SL4516-7	5TT3201-1VR01	6	5SM3321-4	-	5SL4506-7
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         5TT3201-1VR03       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	5TT3201-1VR01	10	5SM3321-4	_	5SL4510-7
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	5TT3201-1VR01	15	5SM3321-4	_	5SL4516-7
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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	5TT3201-1VR02	8	5SM3342-4	_	5SL4308-7
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	5TT3201-1VR02	16	5SM3342-4	-	5SL4316-7
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	5TT3201-1VR02	24	5SM3344-4	_	5SL4325-7
5TT3201-1VR03       8       -       5SV3312-6       5SL4508-7         5TT3201-1VR03       16       -       5SV3312-6       5SL4516-7         5TT3201-1VR03       24       -       5SV3312-6       5SL4525-7	5TT3201-1VR02	32	5SM3344-4	_	5SL4332-7
5TT3201-1VR03       16       -       5SV3312-6       5SL4516-7         5TT3201-1VR03       24       -       5SV3312-6       5SL4525-7	5TT3201-1VR03	6	-	5SV3312-6	5SL4506-7
5TT3201-1VR03 24 – 5SV3312-6 5SL4525-7	5TT3201-1VR03	8	-	5SV3312-6	5SL4508-7
	5TT3201-1VR03	16	-	5SV3312-6	5SL4516-7
5TT2201 1\/p02 22 55\/2214 6 55\/4522 7	5TT3201-1VR03	24	-	5SV3312-6	5SL4525-7
J113201-1VN03 32 - 33V3314-0 35L4332-7	5TT3201-1VR03	32	_	5SV3314-6	5SL4532-7

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