



Article number: 231 443 Description: Charge regulator 20 A		Charge regulators: charge regulator 20 A and charge regulator 40 A The Schüco charge regulator 20 A and charge regulator 40 A offer excellent PWM charge regulation with integrated temperature compensation plus a range of superb display, programming and safety functions. The battery charge level is displayed clearly and constantly by means of a bar chart display as are the energy flows in and out of the battery or load conditions such as overload or short circuit. Total discharge protection can be selected in three different ways: fixed voltage, charge level or adaptive (Fuzzy Logic to save batteries). The battery charge regulators are also equipped with acoustic warning functions and entry help. A programmable night light function is also integrated. The extremely compact casing is designed for DIN top hat rail installation.
Max. load current (DC In)	20 A	
Max. load current (DC Out)	20 A	
System voltage (U _{DC}):	12/24 V	
Own current input (I _{DC}):	< 4 mA	
Protection class:	IP20	
Size (W x H x D):	89 x 90 x 38 mm	
Article number: 231 444 Description: Charge regulator 40 A		Quality features, certificates <ul style="list-style-type: none"> • Charge indicator with LCD display • Charge and discharge status display • Audible warning prior to load cut-off • Charge level indicator • 3 programmable load cut-off algorithms • 3-level PWM regulator (series regulator) • Automatic 12/24 V recognition • Integrated temperature compensation • Concealed connection terminals (up to 16 mm²) • Fully electronically protected • Programmable night light function • Suitable for DIN top hat rail installation
Max. load current (DC In)	40 A	
Max. load current (DC Out)	40 A	
System voltage (U _{DC}):	12/24 V	
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