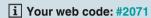
## Charging technology sets

Our AC charging technology sets are the perfect introduction to the world of charging technology for electrical engineers. The sets include a plug-and-play configuration of all the components an engineer would need to set up private or commercial AC charging stations simply and single-handedly.

A verified wiring diagram and corresponding assembly instructions with recommendations for further required components are available to download. This means that no additional development effort is required.



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## Sets for private applications

- Consisting of components for charging stations with one charging point
- Stand-alone structure in accordance with a wiring diagram
- Assembly instructions for a charging station with recommendations for further components required (charging contactor, safety equipment)



For one charging point with a type 2 AC charging cable



For one charging point with a type 2 AC infrastructure socket outlet

	Technical data	Technical data		
Number of charging points	1	1		
Type of charging point	AC charging cable with vehicle charging connector, open cable end, protective cap, holder (park position)	AC infrastructure socket outlet, 12 V locking actuator, self-closing IP54 protective cover		
Standards	IEC 62196-2 / IEC^61851-1	IEC 62196-2 / IEC^61851-1		
Charging standard	Type 2	Type 2		
Charging mode	Mode 3, Case C	Mode 3, Case B		
Charging power	3.7 kW	11 kW		
Supply voltage	230 V AC	400 V AC		
Connected current	16 A	16 A		
Type of charging current	AC single-phase	AC 3-phase		
Charging controller	Basic AC charging controller, preconfigured	Basic AC charging controller, preconfigured		
Locking release in the event of mains failure	-	Integrated release function of the locking actuator for disconnection of infrastructure charging plug and infrastructure socket outlet		
Residual current monitoring module	1-channel RCM	1-channel RCM		
Real power measurement module	•			
Wiring diagram	Including download of example circuit diagram	Including download of example circuit diagram		
Cable length	5.00 m	0.70 m		
Cable length actuator	-	0.50 m		
Cable type	straight	Single wires		
Cable color	black	-		

Cable color	black					
	Ordering data		Ordering dat	ta		
Description	Туре	Order No.	Pcs./Pkt.	Туре	Order No.	Pcs./Pkt.
Home charging technology set With AC charging cable With AC infrastructure socket outlet	EV-SET-T2AC-BAS-RCM1-20AC5MES	1628077	1	EV-SET-T2AC-BAS-RCM1-20ASE12	1628080	1

## Sets for commercial applications

- Consisting of components for charging stations with two charging points
- Stand-alone structure in accordance with a wiring diagram
- Assembly instructions for a charging station with recommendations for further components required (charging contactor, safety equipment)



For two charging points with a type 2 AC charging cable



For two charging points with a type 2 AC infrastructure socket outlet

	Technical data	Technical data	
Number of charging points	2	2	
Type of charging point	AC charging cable with vehicle charging connector, open cable ends, protective caps, holders (park positions)	AC infrastructure socket outlets, 12 V locking actuators, self-closing IP54 protective covers	
Standards	IEC 62196-2 / IEC^61851-1	IEC 62196-2 / IEC^61851-1	
Charging standard	Type 2	Type 2	
Charging mode	Mode 3, Case C	Mode 3, Case B	
Charging power	22 kW	22 kW	
Supply voltage	400 V AC	400 V AC	
Connected current	32 A	32 A	
Type of charging current	AC 3-phase	AC 3-phase	
Charging controller	Advanced AC charging controller	Advanced AC charging controller	
Locking release in the event of mains failure	•	Separate module with release function of the locking actuator for disconnection of infrastructure charging plug and infrastructure socket outlet	
Residual current monitoring module	2-channel RCM	2-channel RCM	
Real power measurement module	-	Energy meters	
Wiring diagram	Including download of example circuit diagram	Including download of example circuit diagram	
Cable length	5.00 m	0.70 m	
Cable length actuator	-	0.50 m	
Cable type	straight	Single wires	
Cable color	black		

Cable color	bluok					
	Ordering data			Ordering data		
Description	Туре	Order No.	Pcs./Pkt.	Туре	Order No.	Pcs./Pkt.
TWIN charging technology set With AC charging cable With AC infrastructure socket outlet	EV-SET-T2AC-ADV-RCM2-32AC5MES	1628081	1	EV-SET-T2AC-ADV-RCM2-32ASE12	1628082	1