



TECHNICAL DATA

Anodising	10 colours
Application	surrounding office buildings, parkings
Ingress protection	IP 54
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CIB	+70
Input voltage frequency	50/60Hz
Number of LED	6
Charging socket	IEC62196 Type-2
Types of protection	Over-current circuit breaker and RCD type A (optionally RCD type B or RCD type EV)
The protection degree of electrical chamber	IP 54
Communication	3G, LAN
Electricity measurement	electricity meter compatible with the MD directive
Network layout	TT, TN-S, TN-C-S
The possibility of integration with the operator's system	OCPP v1.6
Standard for charging stations	EN 61854-1:2011



TABLE OF TYPES

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	Luminaire luminous flux ¹⁾	Luminaire efficacy ¹⁾	Concrete footing / road or cement basket type	Concrete footing / reinforcement basket code	Fasteners	Charging point rated powers	Net weight
45K05/1/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	0-50 / Z-50	311150 / 311205	4006	3,7 kW	10,8 kg
45K05/3/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	0-50 / Z-50	311150 / 311205	4006	3,7 kW	10,8 kg
45K05/4/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	4000 K	1650 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	3,7 kW	10,8 kg
45K05/6/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	3,7 kW	10,8 kg
45K05/1/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	0-50 / Z-50	311150 / 311205	4006	7,4 kW	10,8 kg
45K05/3/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	0-50 / Z-50	311150 / 311205	4006	7,4 kW	10,8 kg
45K05/4/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	4000 K	1650 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	7,4 kW	10,8 kg
45K05/6/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	7,4 kW	10,8 kg
45K05/1/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	0-50 / Z-50	311150 / 311205	4006	11 kW	10,8 kg
45K05/3/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	0-50 / Z-50	311150 / 311205	4006	11 kW	10,8 kg
45K05/4/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	4000 K	1650 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	11 kW	10,8 kg
45K05/6/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	11 kW	10,8 kg
45K05/1/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	0-50 / Z-50	311150 / 311205	4006	22 kW	10,8 kg
45K05/3/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	0-50 / Z-50	311150 / 311205	4006	22 kW	10,8 kg
45K05/4/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	4000 K	1650 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	22 kW	10,8 kg
45K05/6/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	0-50 / Z-50	311150 / 311205	4006	22 kW	10,8 kg

¹⁾ tolerance +/- 7% due to LEDs accuracy

/B - Charging station intended for private use, without integration with the operator system

/C... - choice of anodising colour

DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC
STANDARDS: PN-EN 60598-1: 2015, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2013, PN-EN 61547: 2009, PN-EN 61000-3-2: 2014, PN-EN 61000-3-3: 2013