primion

pKT Door handle

The pKT Door handle is compatible with many European lock standards. The different versions allow its use in all commonly-used door types, such as wood, steel and aluminium as well as narrow frame doors with a backset of more than 20 mm. This means that it is suitable for both new builds and for retrofitting in existing locations. Thanks to its timeless, simple stainless steel design, it blends well into every environment.

The reader unit with the communication electronics, the mechanics and the power supply are located directly in the door handle.

Most transponder types can be used as a credential, including for example, ISO cards and key fobs.

Advantages

❱ Timeless stainless steel design
❱ Different handle designs available
❱ With optional round or oval rosettes, short plate, long plate narrow and wide
❱ Key rosette blank, for profile cylinder (PC) or Swiss profile cylinder (CHR)
❱ 100% pKT compatibility

Features

❱ Toggle mode option (open with first booking, close with next, open with next, etc.)
❱ Compatible with commonly-used European lock standards; existing locks can be used
❱ Suitable for all wood, steel and aluminium doors as well as narrow frame doors with a backset of more than 20 mm and for all doors with a door leaf thickness from 30 to 110 mm
❱ Possible spindle dimensions: 7, 8, 8.5, 9 and 10 mm; continuous square spindle
❱ No wiring required; existing DIN boreholes can typically be used; diameter of the borehole for the handle shank (rosette versions) 24 mm
❱ Battery compartment located in the housing, accessible from the outside
❱ Automatic daylight saving time changes
❱ Permanent external handle engagement possible, without additional power consumption
❱ Internal handle is mechanically fixed to allow egress at all times
❱ Electronic reader unit can be installed inside and outside, if required
❱ MIFARE® and LEGIC versions available
❱ Indoor version suitable for use with fire and smoke protection doors, depending on model
❱ IP66 version, suitable for outdoor use in a secured area
❱ IP66 version suitable for use with fire and smoke-protection doors, depending on model
❱ Up to 50,000 operations with one battery set (MIFARE® DESFire®)
❱ Up to 30,000 operations with one battery set (LEGIC advant®)

made in
Germany

Technical data

Dimensions		
	Round rosette (Ø)	55 mm
	Oval rosette (L x W)	66 x 36 mm
	Short plate	170 x 46 mm
	Long plate, narrow	290.8 x 42.4 mm
	Long plate, wide	290.4 x 64.4 mm
Power supply		1 x CR123A 3V battery
Temperature	Operation	+ 5 °C to +55 °C (indoor version)
		-25 °C to +65 °C (IP66 version)
	Storage	-40 °C to +65 °C
Mounting location		Indoor (indoor version)
		Protected outdoor area (IP66 version)
Protection class		IP66 (IP66 version)
Standards/Approvals		prEN 16867:2015
		EN 61000-4-2:2009
		EN 61000-4-3:2006 + A1:2008 + A2:2010
		EN 300 220-1 V2.4.1
		EN 300 220-2 V2.4.1
		EN 302 291-1 V1.1.1
		EN 302 291-2 V1.1.1
		EN 300 330-1 V1.8.1
		EN 300 330-2 V1.6.1
		EN 60950-1:2006 + A11:2009 + A1:2010
		$\qquad$ + A12:2011 + A2:2013
		EN 62479:2010
		RL 1999/5/EG
		CE

Door handles

Electronic door handle with round rosette

Shape	L-Shape L1	U-Shape U1	U-Shape U2
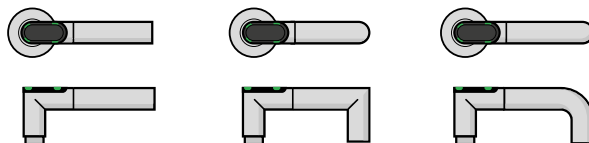
Rosettes and plates

Shape	Round rosette	Oval rosette	Long plate, wide	Long plate narrow	Short plate
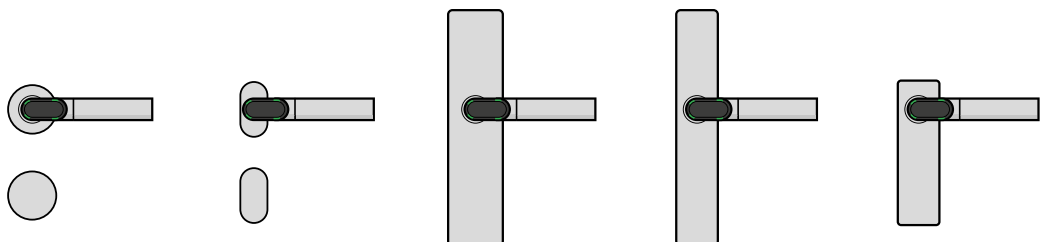
Ordering Information

pKT Door handle – Versions

I185-XXYZABCDEF.01   LEGIC – LEGIC advant®, LEGIC prime
I186-XXYZABCDEF.01   MIFARE® – MIFARE Classic®, MIFARE® DESFire® EV1

XX		
	11	Round rosette without key rosettes
	12	Round rosette with key rosettes blind
	13	Round rosette with key rosettes, PC
	14	Round rosette with key rosettes, CHR
	21	Oval rosette without key rosettes
	22	Oval rosette with blind rosettes
	23	Oval rosette with key rosettes, PC
	24	Oval rosette with key rosettes, CHR
	31	Short plate, inside plate, blank
	32	Short plate, inside plate, PC
	33	Short plate, inside plate, CHR
	41	Long plate, narrow, inside plate, blank
	42	Long plate, narrow, inside plate, PC
	43	Long plate, narrow, inside plate, CHR
	44	Long plate, narrow, inside rosettes, blank
	45	Long plate, narrow, inside rosettes, PC
	46	Long plate, narrow, inside rosettes, CHR
	51	Long plate, wide, inside plate, blank
	52	Long plate, wide, inside plate, PC
	53	Long plate, wide, inside plate, CHR
	54	Long plate, wide, inside rosettes, blank
	55	Long plate, wide, inside rosettes, PC
	56	Long plate, wide, inside rosettes, CHR

Y	Door leaf thickness		
		1	Door leaf thickness 30-38 mm
		2	Door leaf thickness 39-47 mm
		3	Door leaf thickness 48-56 mm
		4	Door leaf thickness 57-65 mm
		5	Door leaf thickness 66-74 mm
		6	Door leaf thickness 75-83 mm
		7	Door leaf thickness 84-92 mm
		8	Door leaf thickness 93-101 mm
		9	Door leaf thickness 102-110 mm

Z	Handle versions		
		0	L-Shape L1
		1	U-Shape U1
		2	U-Shape U2

A	Material		
		0	Stainless steel

B	Handles		
		1	Electronic door handle left pointing / Mechanical door handle right pointing
		2	Electronic door handle right pointing / Mechanical door handle left pointing
		3	Electronic door handle on both sides – inside left pointing / outside right pointing
		4	Electronic door handle on both sides – inside right pointing / outside left pointing

C	Vierkant		
		0	7 mm
		1	8 mm
		2	9 mm
		3	10 mm
		4	8.5 mm

D	Version		
		0	Standard
		1	Version for fire- and smoke-protection doors
		2	Version for fire- and smoke-protection doors including escape doors
		3	Version IP66

Only required with the plate option: Always select 0 with the rosette option

E — Distance	0 —— Without
	1 —— 70 mm
	2 —— 72 mm
	3 —— 74 mm
	4 —— 78 mm
	5 —— 85 mm
	6 —— 88 mm
	7 —— 92 mm
	8 —— 94 mm

| **F** — Through-hole	0 —— No
	1 —— Yes

Accessories / Spare parts

|	
Z071-090.01 ——————	Lithium battery, CR123A 3 V
Z230-003.01 ——————	Universal drilling template (BL 305.6.10U)
Z220-001.01 ——————	Wireless adapter with diagnostics / programming unit (incl. USB interface) for technicians
Z223-677100000004.01 –	Seal kit for IP66 electronic door handle
Z230-002.01 ——————	Installation tool;
	– Gauge for determining cylinder lengths and door leaf thicknesses
Z270-003.01 ——————	Renovation adapter plate (SET) pKT Door handle
	for covering drilled holes for previously installed Comfort door terminals

Configuration examples

Electronic door handle
As version with round rosette
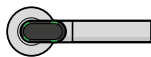
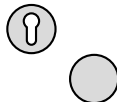**Mechanical door handle**
Round rosette
Oval rosette
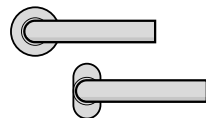
Handle version
L-Shape L1

Door handle key rosette
Round rosette, profile cylinder /
Round rosette, blank

Handle
left pointing /
right pointing

![Azkoyen Group logo] **Azkoyen** Group   ■**primion** Germany

Time & Security Division

primion Technology GmbH · Steinbeisstr. 2-5 · D-72510 Stetten am kalten Markt · Germany
Tel. +49 (0)7573 9520 · Fax +49 (0)7573 92034 · info@primion.de · www.primion.de

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