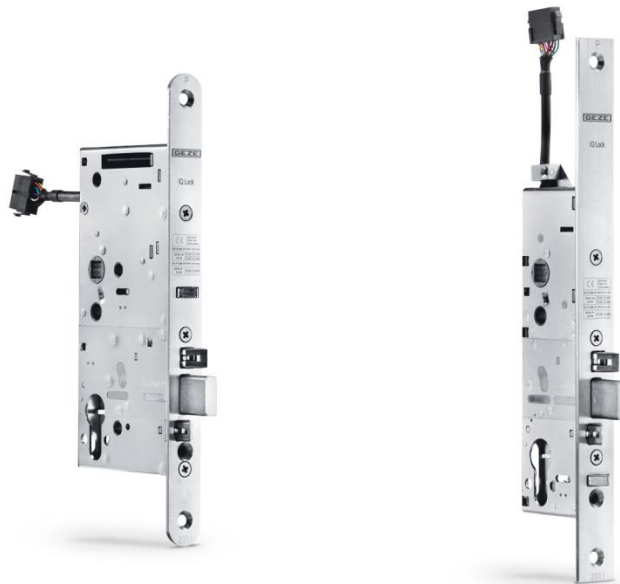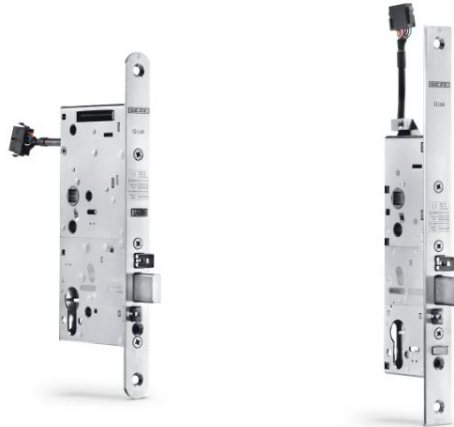# GEZE IQ Lock

Hardware Performance Sheet (HPS)

according to DIN EN 16035:2013-03 "Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows."

Product reference:	**IQ lock** **(EL, EL DL, EM, EM DL, C, C DL, M, M DL + IQ lock AUT)**
Manufacturer:	GEZE GmbH, Leonberg, Deutschland
Type of building hardware:	Self-locking panic lock for single and double leaf doors
Relevant standard:	EN 1125:2008 EN 179:2008

Classification EN 1125:	1	2	3	4	5	6	7	8	9	10
	3	7	7	B	1	3	2	1/2	A/B	A/B

Classification EN 179:	1	2	3	4	5	6	7	8	9	10
	3	7	7	B	1	3	4	2	A	A/B

Product main dimensions:	Solid leaf door: Backset +15,5 x 165 x 15,5 mm Tubular frame door: Backset +15,5 x 177 x 15,5 mm (Lock housing without front metal)
Remarks:	

Test report	Year	Steel doorset EN 15269-2	Timber doorset EN 15269-3	Steel framed doorset EN 15269-5	Alu framed doorset EN 15269-5	Single leaf doorset	Double leaf doorset	EN 1634-1	EN 1634-2	EN 1634-3	EN 1191	Mounting of hardware[1]	Fire side[2]	Duration of fire testing [min]
15-001190-PR02	2015			x			x	x				M	C	44
19-003614-PR01	2020	x					x	x				M	O	36

[1] C = closing side; O = opening side; M = mortice
[2] C = closing side; O = opening side

Test report number:	**15-001190-PR02**
Test report issue date:	**03.08.2015**
Test method:	**EN 1634-1:2014**
Test report issued by / certification body:	**ift Rosenheim GmbH, Theodor-Gietl-Straße 7-9, 83026 Rosenheim, Germany**
Material of doorset	**Steel profile**
Material of door frame:	**Steel profile**
Setup of door set	**Hinged, double leaf fire resistant and smoke control door set**
Door thickness	**60 mm**
Dimension of primary leaf	**1250 mm x 2622 mm**
Mass of primary leaf	**160,6 kg**
Dimension of secondary leaf	**1250 mm x 2622 mm**
Mass of secondary leaf	**162,8 kg**
Test setup:	**Fire exposure on opposite hinge side (closing side)**
Hardware product variant:	**IQ lock AUT** **(IQ lock EL DL 9235 + Gegenkasten DL with IQ AUT)**
Mounting position of hardware product:	**Mortice mounting**

Classification according to test method:		
	Fire integrity E	**42 min**
	Fire insulation I_1	**27 min**
	Fire insulation I_2	**30 min**
	Heat radiation W	**-**
	Duration of testing	**44 min**

Test report number:	**19-003614-PR01**
Test report issue date:	**11.03.2020**
Test method:	**EN 1634-1:2014+A1:2018**
Test report issued by / certification body:	**ift Rosenheim GmbH, Theodor-Gietl-Straße 7-9, 83026 Rosenheim, Germany**
Material of doorset	**Timber door leaf**
Material of door frame:	**Timber frame**
Setup of door set	**Hinged, double leaf fire resistant and smoke control door set**
Door thickness	**56 mm**
Dimension of primary leaf	**1300 mm x 2750 mm**
Mass of primary leaf	**110 kg**
Dimension of secondary leaf	**1300 mm x 2750 mm**
Mass of secondary leaf	**115 kg**
Test setup:	**Fire exposure on hinge side (opening side)**
Hardware product variant:	**IQ lock AUT** **(IQ lock EL DL 7265 + Gegenkasten DL with IQ AUT)**
Mounting position of hardware product:	**Mortice mounting**

Classification according to test method:		
	Fire integrity E	**35 min**
	Fire insulation I_1	**33 min**
	Fire insulation I_2	**34 min**
	Heat radiation W	**-**
	Duration of testing	**36 min**

We are GEZE.

For liveable buildings

GEZE stands for innovation, high quality and comprehensive support of building technologies. From the initial idea, planning and operational implementation with standard products to customised system solutions and individual service and maintenance plans. We offer an extensive product range of door, window and safety technology products and are a major driving force behind the digital networking of building automation.

Legal information

GEZE GmbH

Reinhold-Vöster-Strasse 21 – 29   Telephone: +49 7152 203 0
71229 Leonberg   Fax: +49 7152 203 310
Germany   Email: info.de@geze.com
www.geze.com