



MPL Maintenance & Accreditations

Micro Power Lock Accreditations:

TÜV tested

Patented

PAS 24 tested certified on GEZE SL Slider

Approvals

EN61000-4-2:1995 + A1 (1998) + A2 (2001)

EN61000-4-3:2006 + A1 (2008)

EN61000-4-4:2004

EN61000-4-5:2006

EN61000-4-6:2007

EN61000-6-2:2005

EN61000-6-3:2007

EN50130-4:1996 + A1 (1998) + A2 (2003)

EN55022:1998 + A1 (2000) + A2 (2003)

UKCA label-meets all the all the requirements of standard EN 14081-1: 2005 + A1: 2011

SPECIFICATIONS

¹ Main Features

Security/[Holding Force](#):

Grade 6+ (7 500N, 1 686lbf)

Category of use:

Grade 3 (High frequency - Public use)

Durability/[reliability](#):

Grade 9 (> 1 000 000 cycles)

Corrosion resistance/humidity/IP protection:

Grade 3 (EN 1670, EN ISO 9227)

CE Marking:

EMC, Security, Safety, Corrosion, RoHS

Residual magnetism:0% - By design

Built-in metal-oxide varistor ([MOV](#))

Power:12/24VDC - 260/130 mASizes

Environmental / Temperature:-20°C to + 50°C

Compliances: CE 2014/30/EU, [EN 13637](#) (Chap.7) 2015, EN 1670, EN ISO 9227, ASTM B 117, RoHS/Reach



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Weights

Description	Weight of lock	Weight of Armature	Code
Double lock <u>with SDGi bracket</u>	910g	180g	GS 103/104
Single lock <u>with SDGi bracket</u>	560g	180g	GS 102/103
Single Lock Open IN Door with Z&L bracket	230g	380g	GS 107
Single Lock direct fix with standard fixing plate	220g	180g	GS 105

Maintenance for the Micro Power Lock

Sometimes the ball bearings do not move freely which is caused by a build-up of dirt and dust and this causes the armature to catch on the lock/ball bearings when the door is opened.

This is quickly and easily remedied by spraying WD40 into the lock as shown below and this will keep the ball bearings free moving for up to 12 months.

By applying a small amount of grease with a cotton bud inside the collar to the ball bearings this will keep them free moving for at least 3 years. We would recommend a multipurpose Moly Grease such as Triple QX

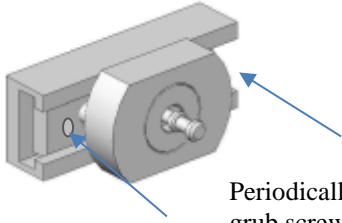


Apply Grease or WD40 to all around the inside wall of the lock collar here

- Periodically check that all fixings on the bracketry are tight
- Periodically clean the face of the armature and lock, these stainless steel finishes will require cleaning only when the appearance has become unsightly due to the accumulation of dirt and should be wiped down with a damp cloth containing water and a mild detergent and then wiped dry.
- Harsh scrubbing or the use of abrasive or solvent cleaners will damage the surface and are not recommended.



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Periodically check that the grub screws holding the armature in place are still tight

Technical Dept
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