Dateiname: Qf0510B

## Description of function:

The electric window locking device is a locking device, which open the locking hook and release the locking bolt by control "open".
After control "close" the locking bolt can snap in into the locking device again. A additional voltage supply for locking isn't necessary.

## Technical data:

| | |
|---|---|
| static locking force | 2x1250N |
| rated voltage | 24VCD |
| no-load current | 0,5A |
| max. breaking current (overload cut-off) | 1,1A |
| protection class according to DIN EN 60 529 | IP54 |
| opening time under full load | ca. 5sek |
| ambient temperature range | -20°C - +60°C |
| connection | light grey silicone connection cable (lenght 2,5m) |

## Technical information:

Take care that the upstream control has a OPEN-CLOSE function. If the window locking device is used in connection with a electric 24V-actuator, an extra follow-up control type FGS shall be provided. Take also care, that the upstream control has a Auto-CLOSE function (specifically in connection with devices without ventilation function.

## Rated current:

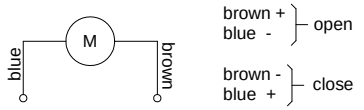
The rated current depends on the locking force - see table

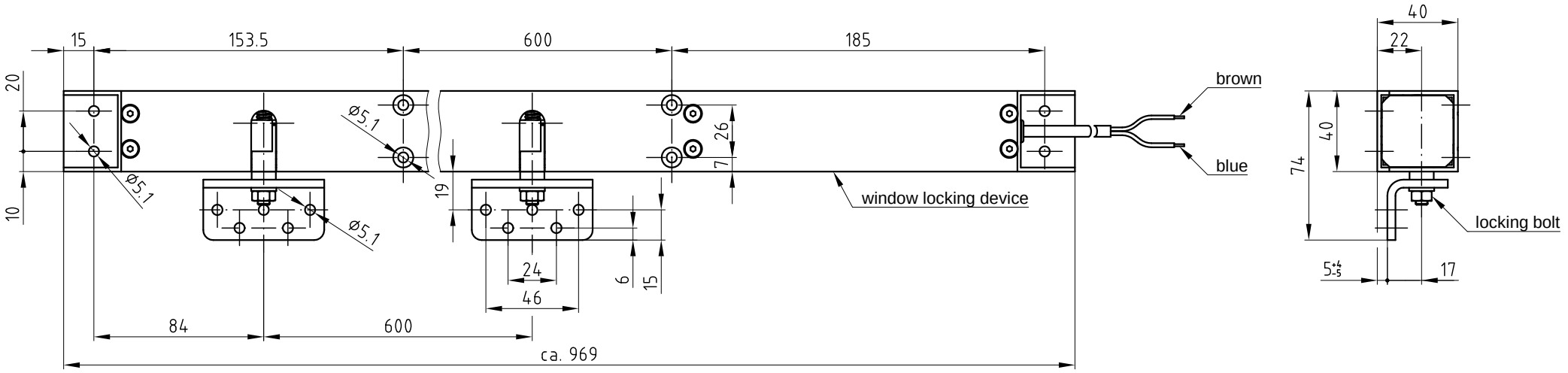
| locking force | rated current |
|---|---|
| 1250N | 0,9A |
| 1000N | 0,8A |
| 750N | 0,6A |
| 500N | 0,6A |

## Scope of supply:

The locking bolt is NOT included in the scope of supply and must be ordered separately!

## Circuid diagramm:




| | | | | | | |
|---|---|---|---|---|---|---|
| GRASL<br>Pneumatic-Mechanik GmbH<br>A-3454 Reidling<br>Europastraße 1 | | | | Freimaßtoleranz nach DIN 7168: | | |
| | | | | | Datum | Name |
| | | | | Bear. | 07.04.2009 | Simetzberger |
| | | | | Gepr. | 14.06.2012 | KW |
| 05 | Schutzart | 12.06.2012 | SA | Norm | | |
| 04 | Technische Hinweise | 18.08.2011 | SA | | | |
| 03 | Schutzart | 04.11.2010 | SA | Type: | EFR | |
| 02 | Text, Englisch | 09.07.2010 | SA | | | |
| 01 | Diverse Änderungen | 01.02.2010 | SA | | | |
| Zus. | Änderung | Datum | Name | (Urspr.) | | |

Maßstab: 1:1 | Werkstoff:
ID - Nr.:

Bezeichnung:
**Data sheet**
Electric window locking device EFR 2.21
for inward opening windows

Zeichnung Nr.: 03.008.DAT.06.05-E | Blatt BL.

(Ers.f.:) 03.008.DAT.06.04 | (Ers.d.:)



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29.5.2002 KW

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