SEWOSY ®

INSTALLATION AND CONNECTION

ELECTRIC STRIKE FOR GLASS DOORS

GDES400

SEWOSY
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ST_GDES400_A_060401

MOUNTING INSTRUCTIONS GDES400-12/24 APRIL 2006

SUMMARY

1. TECHNICAL FEATURES

CHARACTERISTICS	12 V	24 V
Power supply voltage	12 VDC	24 VDC
Current consumption	300 mA	150 mA
Power consumption	3,6 W	3,6 W
Break-in resistance	400 DaN	400 DaN
Glass thickness	8 à 12 mm	8 à 12 mm
Monitoring function Locked / unlocked	integrated	integrated
Switching voltage	125V AC - 3 A	125V AC - 3 A
Axe	26 mm	26 mm
Protection index	IP 42	IP 42
Dimensions H x W x D	245 x 25 x 41 mm	245 x 25 x 41 mm
Weight	1,2 kg	1,2 kg

2. APPLICATION

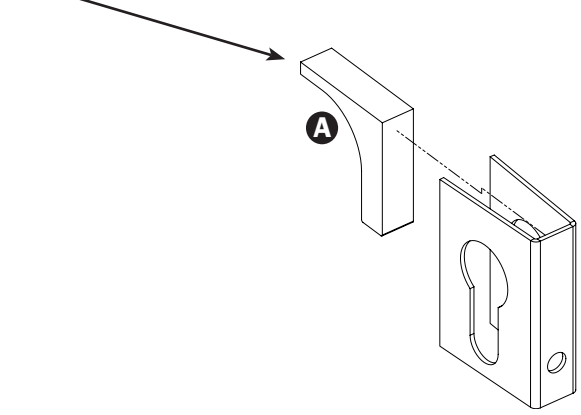
- The GDES 400 electric strike can be installed on glass doors with glass thickness 8 - 12 mm.
- Adapted for installation on both DIN LEFT/RIGHT SINGLE ACTION DOORS or SWING (DOUBLE ACTION) DOORS.
- Fail safe or fail secure mode can be selected by reversing solenoid direction.
- Dual voltage : 12 VDC - 24 VDC.
- Integrated monitoring function «locked / unlocked»

3. DIMENSIONS

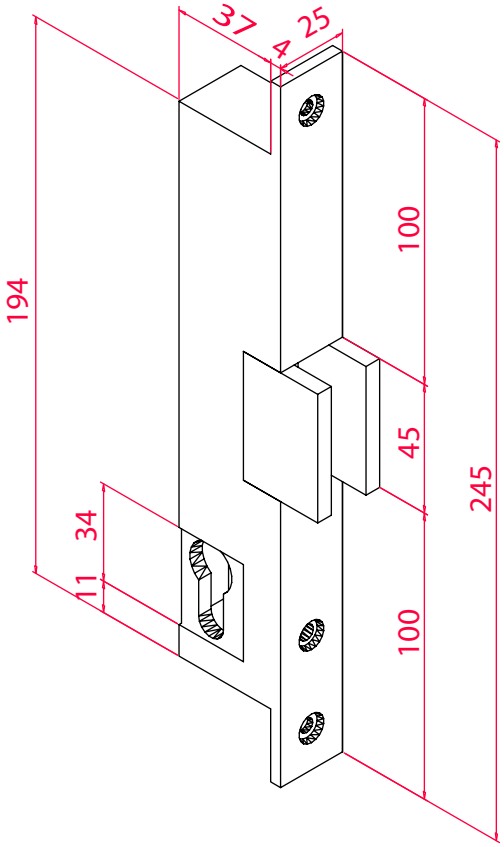
- GDES400 dimensions : see picture 1 (p. 3)
- Recess dimensions : see picture 2 (p. 3)
- Foresee a diagonally aperture with an angle of minimum 50° on both recess sides when installing the GDES400 electric strike on double action doors : see picture 3 (p. 3)

ATTENTION: MECHANICAL LOCKING and UNLOCKING OF BOLT (via cylinder)

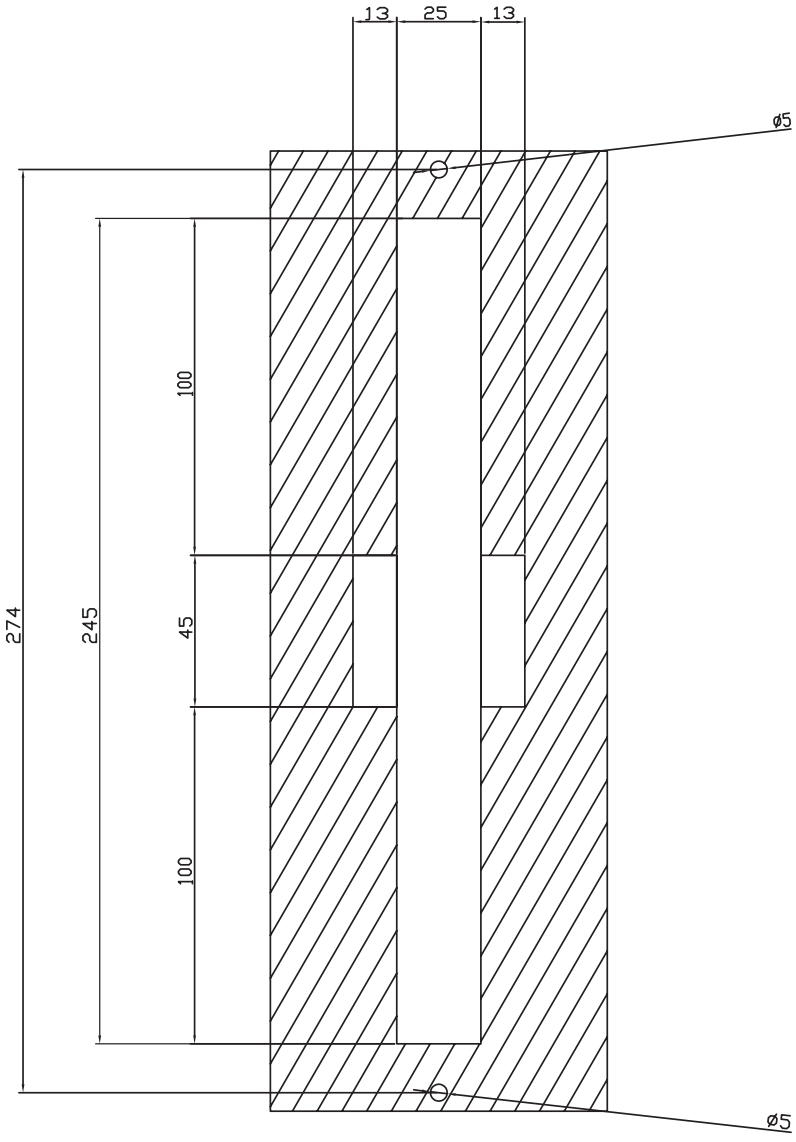
- Insert the plastic part Ⓐ as described on picture below



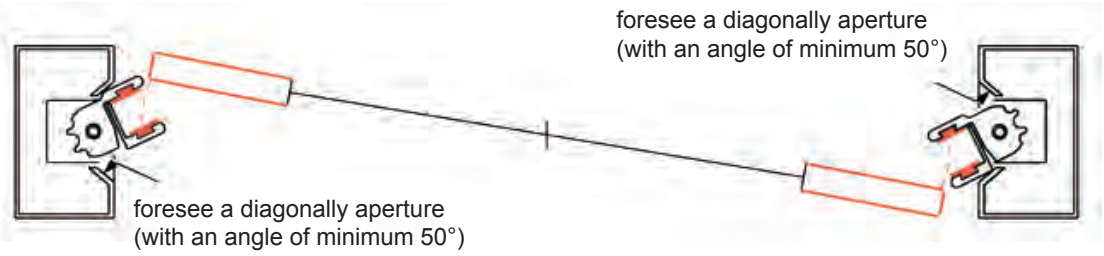
PICTURE 1



PICTURE 2



PICTURE 3 DOUBLE ACTION DOORS

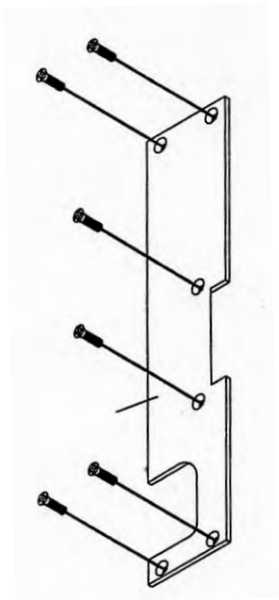


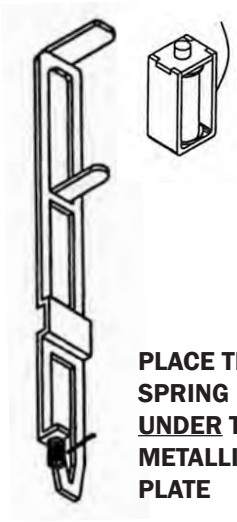
4. CHANGING FROM «FAIL SECURE» TO «FAIL SAFE» MODE (or vice-versa)

⚠ **The unit leaves the factory in a fail secure (non fail safe) mode**

4.1 Remove the strike cover by removing the 6 screws
4.2 Pull out the latch bar and remove spring 1 (soft) from position 1 (fail secure position)
4.3 Put spring 2 (hard) into position 2 (fail safe position)
4.4 Put spring 1 into spring catch
4.5 Reverse the solenoid assembly (wires should face up)
4.6 Replace the latch bar with spring in desired position
4.7 Replace strike cover

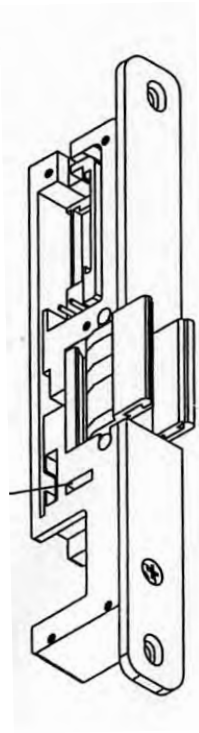
«FAIL SAFE» MODE



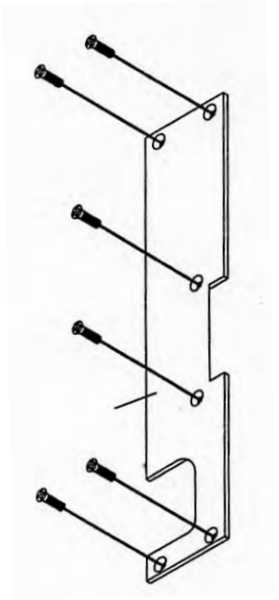


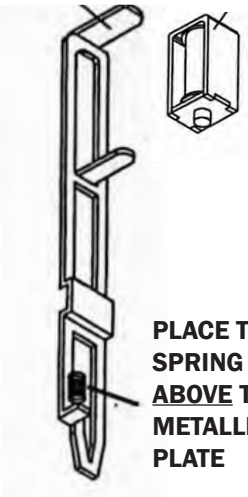
PLACE THE SPRING UNDER THE METALLIC PLATE

REVERSE SOLENOID SO THAT PLUNGER CORE IS ABOVE (on upperside)



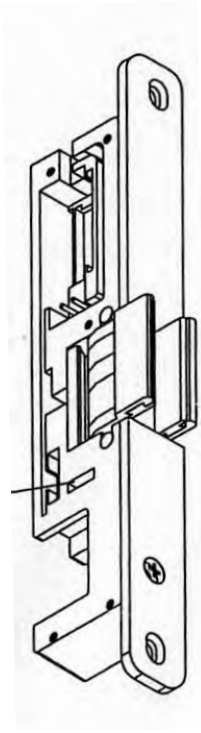
«FAIL SECURE» MODE



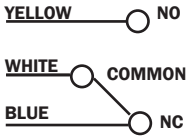


PLACE THE SPRING ABOVE THE METALLIC PLATE

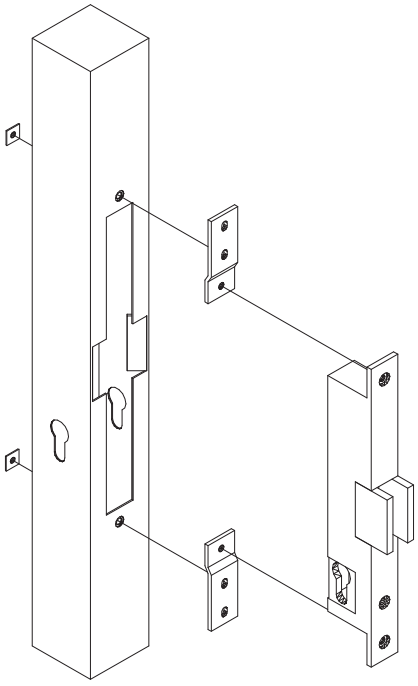
REVERSE SOLENOID SO THAT PLUNGER CORE IS BENEATH (on underside)



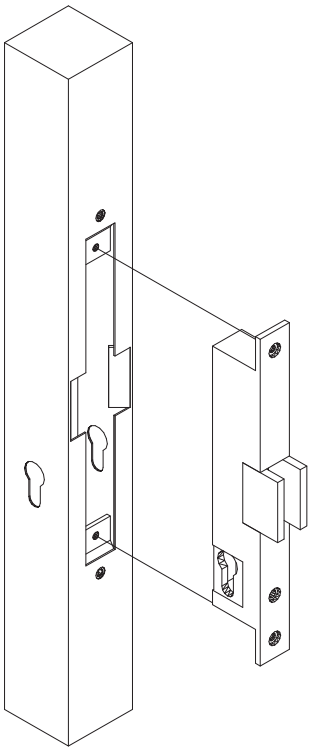
5. WIRING CONNECTION

12 VDC	24 VDC	LOCK STATUS
		

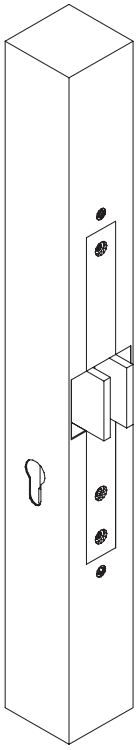
6. INSTALLATION INSTRUCTIONS



1



2



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7. NOTES:

Not just different... better !