FAQ's

996 Closers

ALLEGION™

Product Selection

Question	Answer
Are spare magnets available for the 996 closer?	Yes code 996/863/UF
Are cover packs available for 996 closers?	Yes 996/CP01 for 01 units and 996/CP66 for push side units
I have an old Briton 998 electromagnetic closer I'd like to replace, what can you offer?	Our best solution would be to use a briton 996 unit either pull side 996/01 or push side 996/66 these come in 3 sizes but the size 3 suits any door up to 950mm wide weighing 60kg.
Are 996 closers rated on steel fire doors?	No just timber and composite
I've and old 997 electromagnetic door holder, what's the nearest replacement?	9963/01 closer

Technical Specification

Question	Answer
What is the power requirement for a 996 closer?	90mA (Ninety milliamps or .09 of an amp)
Can I convert a 9963/01 pull side unit to a 9963/66 push side unit by changing the arm?	No. They're built differently. You could mount the 01 unit push side transom mounted application 61 instead.
I've lost the swing free washer, what can I do?	Fixing packs are available 996/F01 or 996/FP/66. Both contain the washer.
My flexible loop is not long enough. Can it be extended?	No, but longer versions are available at 550mm, 600mm, 700mm. The standard length is 330mm.
The tension spring holding the claw has stretched. What is the solution?	Refer to Tech Support, we keep these as FOC spares.
How many units can I run on one transformer?	Depends on which powers supply you are using. See fig.1.
What is the maximum cable run?	This is for the electrician to work out, but as a general guide 100 metres using 1.5mm stranded wire. Voltage drop needs to be calculated to ensure supply voltage does not drop below 22 volts DC.
What is the maximum hold open angle in figure 01 application?	110 degrees. Other applications: Angle of hold open is adjustable from approximately 85' to 95', and from 103' to 110' when fitted on the standard pull side of the door, from 85' to 95' when fitted to the transom, and from 65' to 85' and 90' to 105' when fitted on the push side of the door.
What are minimum clear opening sizes required in each 996 application?	Application 01 (door mounted pull side) required a minimum clear opening of 370mmm. Application 61 (Transom mounted push side) requires minimum clear opening of 540mm. Application 66 (Door mounted push side) requires a minimum clear opening of 500mm.

FAQ's

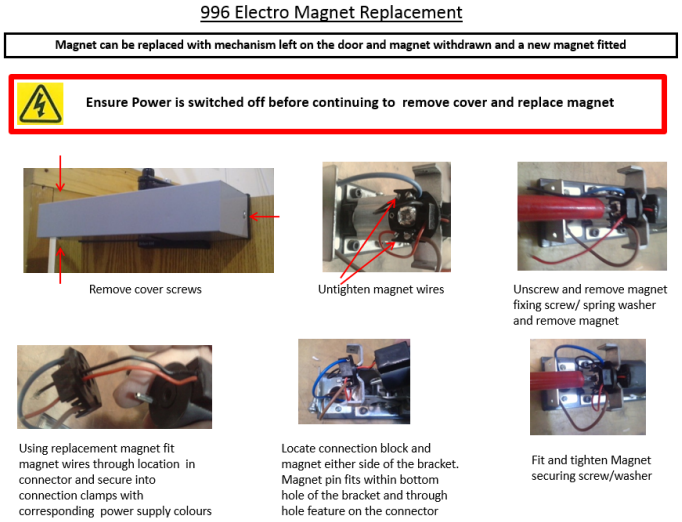
996 Closers

fig.1

Product ref:	max. no of units
FSR4B	3
FSR20B	15
FSR50B	38
Output - full wave rectified & unsmoothed (100% ripple)	

Product ref:	max. no of units
FSR4C	4
FSR10C	10
FSR22C	22
Output - full wave rectified & fully smoothed	

How do I change the magnet in a 996 closer?



Is a drop plate available for the 996 closer?

Yes but only for application 66. Code 996/DP66/SE

Can you offer any extra guidance wiring a 996 to the transformer

996 / Transformer Specification Details

Recommended Power Supplies to be used with 996.

Type of Transformer	Max Amount of Units
FSR4B	Max Units 3
FSR20B	Max Units 15
FSR50B	Max Units 38

Specification: Power Requirements 24v DC - 90mA nominal
Electro - magnet continuous ratings 2.35 watts max at 26v DC

The 996 is now polarised which is indicated by the red (+VE) and black (-VE)

FAQ's

996 Closers

ALLEGION

Can you offer any extra guidance wiring a 996 to the transformer	Fig 66	Hold open fuction 65-85deg & 90-105 deg
	Fig 66	Free Swing 65-85 deg & max 110deg
	Fig 61	Hold Open & Free Swing 85-95 deg
	Fig 1	Hold open & Free swing 85-95 deg & 103-110 deg

Can you offer any extra guidance wiring a 996 to the transformer?

Power Supply Information

	Input	Output
FSR/4B	240V, 50Hz, 10V.A	24.V.D.C, 0.28A max
FSR/20B	240V, 50Hz, 50V.A	24.V.D.C, 1.4A max
FSR/50B	240V, 50Hz, 125V.A	24.V.D.C, 3.2A max

Wiring Instructions for FSR Transformers, when using a plug in relay.

Wires from alarm circuit are connected to relay terminals on TB3.

Negative 24vDC terminal on TB2 is connected to magnet.

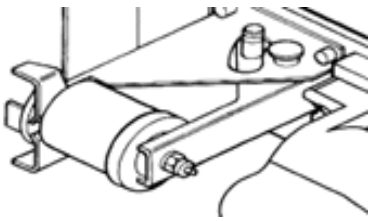
Positive 24vDC is looped to common (C) on either terminal TB2 or TB3

Positive wire to magnet is taken from either normally open (No) or normally closed (Nc), dependant.

upon the alarm system - must be from the same terminal block as the looped common.

How do I test if the solenoid on my 996 closer is faulty?

Remove the cover, make sure 24 volt DC is being supplied to the unit with a volt meter. See if you can pull the silver ring off from the back of the solenoid using your fingers. If it will not come apart, the magnet is working as it should.



My door is fitted with a 996 closer, when the alarm goes off and the power is cut, the door does not close. Why?

Check for grit or any door obstruction. If door is clear, this points to a magnet problem. Residual magnetism. Change magnet ASAP.