

Diese Zeichnung ist Eigentum der
Fa. Grasl GmbH A-3454 Reidling, Europastra  1
Die Weiterverwendung oder Vervielf lti-
gung ohne unser schriftliches Einver-
st ndnis ist verboten!

Description of function:

The hand lever valve HH5/2 is a 5/2 way piston slide valve for manual controlling the RWA- or ventilation cylinder OPEN / CLOSE. The valve can be controlled electric CLOSE by an electro add-on component (e.g. by a wind and rain control). There is no manual operating possible as long as the add-on component is activated.

Operation:

- 1.) Manual operation by using the hand lever.
hand lever up = OPEN
hand lever down = CLOSE
- 2.) Electric operation by applying the rated voltage to the electromagnet of the add-on component.

Installation:

- 1.) Variable mounting position
- 2.) Join connections as follows:
P ... Compressed air
A ... Pneumatic cylinder OPEN
B ... Pneumatic cylinder CLOSE

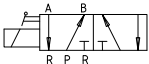
Technical data:

max. operating pressure	10bar
min. operating pressure by EZ	2bar
nominal width of valve	4mm
ambient temperature range	-15�C - +55�C

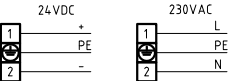
Electro add-on components:

- EZ24 electric CLOSE 24VDC
EZ230 electric CLOSE 230V

Pneumatic symbol:



Connecting diagram electromagnet:



Power input - attracting - DC	-
Power input - attracting - AC	9 VA
Power input - holding - DC	5W
Power input - holding - AC	6VA

Ordering example:

HH5/2 - EZ230

GRASL Pneumatic-Mechanik GmbH A-3454 Reidling Europastra�e 1				Freima�ftoleranz nach DIN 7168:				Ma�stab: 1:1		Werkstoff:	
								ID - Nr.:			
					Datum	Name		Bezeichnung: Data sheet Hand lever valve HH 5/2 with electro add-on component CLOSE			
				Bear.	25.08.2009	Simetzberger					
				Gepr.	29.05.2012	KW					
				Norm							
								Zeichnung Nr.: 04.007.DAT.01.02-E			
				Type:	HH 5/2		Blatt				
02	VdS Anerkenn., Temp.	21.05.2012	SA							BL.	
01	Text	14.02.2011	SA								
Zus.	�nderung	Datum	Name	(Urspr.)		(Ers.f.)		04.007.DAT.01.01		(Ers.d.)	