

# Coupling device AGH520S



**Coupling device AGH520S**

## Technical data coupling device AGH520S

<b>Insulation coordination acc. to IEC 60664-1</b>	
Rated insulation voltage	AC 6,3 V
Rated impulse voltage/pollution degree	17 kV/3
<b>Voltage ranges</b>	
Nominal system voltage $U_n$	AC, 3(N)AC 0...7200 V
Rated frequency $f_n$	50...400 Hz
<b>General data</b>	
Shock resistance IEC 60068-2-27 (during operation)	15 g/11 ms
Bumping IEC 60068-2-29 (during transport)	40 g/6 ms
Vibration resistance IEC 60068-2-6 (during operation)	1 g/10...150 Hz
Vibration resistance IEC 60068-2-6 (during transport)	2 g/10...150 Hz
Ambient temperature (during operation)	-10 °C...+55 °C
Ambient temperature (during storage)	-40 °C...+70 °C
Climatic class acc. to DIN IEC 60721-3-3	3K5
Operating mode	continuous operation
Mounting	any position
Connection	screw-type terminals
Degree of protection, internal components (DIN EN 60529)	IP 64
Degree of protection, terminals (DIN EN 60529)	IP 20
Type of enclosure	resin-encapsulated block
Screw mounting	4 x M5
Flammability class	UL94V-0
Operating manual	BP109003
Weight approx.	4500 g

## Ordering information

Type	nominal system voltage $U_n$	Art. No.
AGH520S	3(N)AC 0...7200 V	B 913 033

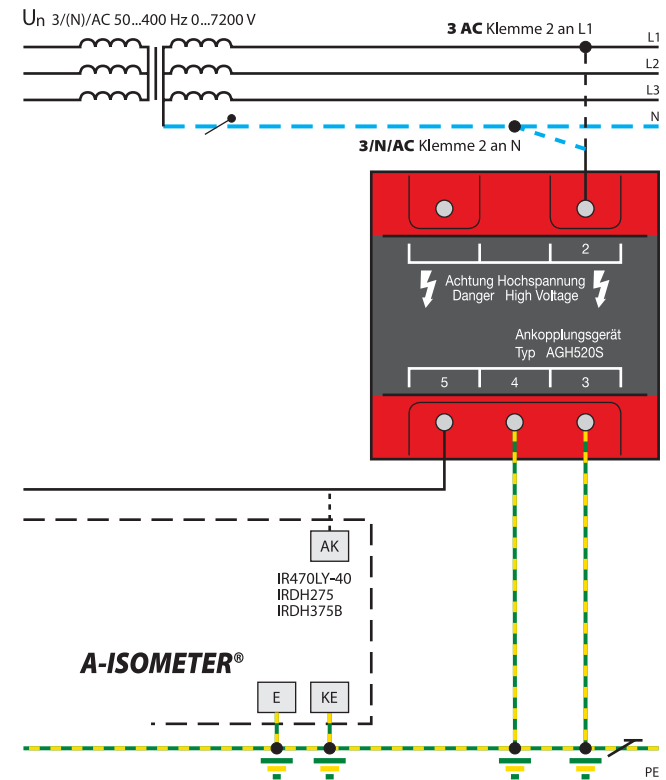
## Product description

The coupling device AGH520S is designed to extend the nominal voltage range of the A-ISOMETER® series described in the wiring diagram below to (3)AC 50...400 Hz, 0...7200 V. The coupling device is connected to the system to be monitored by one pole and connected to the terminal AK of the A-ISOMETER® by means of the terminal 5.

## Approvals

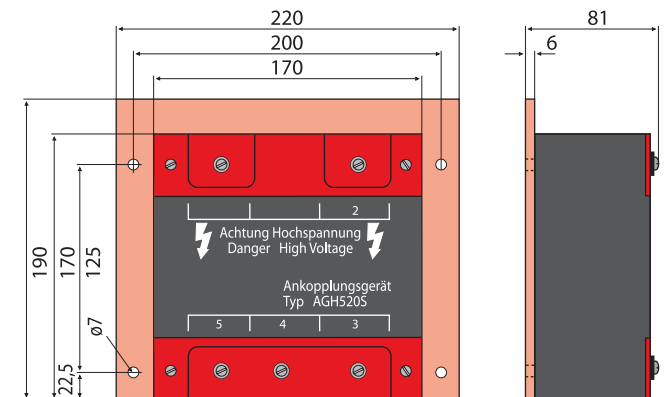


## Wiring diagram



## Dimension diagram

Dimensions are given in mm



1.8.1