

## Technical data

### Accessories, Coupling devices

Device type	AGH150W-4	AGH204S-4	AGH520S
<b>Insulation coordination acc. to IEC 60664-1:</b>			
Rated insulation voltage	DC 1600 V	AC 1500 V	AC 6300 V
Rated impulse withstand voltage/contamination level	12 kV/3	12 kV/3	17 kV/3
<b>Voltage range</b>			
Nominal voltage range $U_n$	DC 0...1760 V	AC 50...400 Hz 0...1650 V/0...1300 V	50 ... 400 Hz AC 0...7200 V
Tests of the Electromagnetic Compatibility -EMC- acc. to EC directives, test data see Annex	Yes	Yes	Yes
<b>General data</b>			
Ambient temperature, during operation	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C
Storage temperature range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Climatic class acc. to IEC 60721 (except condensation and formation of ice)	3K5	3K5	3K5
Operating mode	continuous operation	continuous operation	continuous operation
Mounting	any position	any position	any position
Connection	modular terminals	modular terminals	screw terminals
Cross sectional area of connecting cable, single wire	0.2...4 mm <sup>2</sup>	0.2...4 mm <sup>2</sup>	0.2...4 mm <sup>2</sup>
Cross sectional area of connecting cable, flexible	0.2...2.5 mm <sup>2</sup>	0.2...2.5 mm <sup>2</sup>	0.2...2.5 mm <sup>2</sup>
Protection class acc. to DIN EN 60529			
Built-in components	IP 30	IP 30	IP 64
Terminals/with terminal covers	IP 20	IP 20	IP 20
Type of enclosure/dimension diagram	X150	X200	resin-encapsulated
Screw fixing	Yes	Yes	Yes
DIN rail mounting	DIN EN 50022	DIN EN 50022	-
Flammability class	UL94V-0	UL94V-0	UL94
Data sheet No.	109001	109002	109003
Weight max.	900 g	1350 g	4500 g

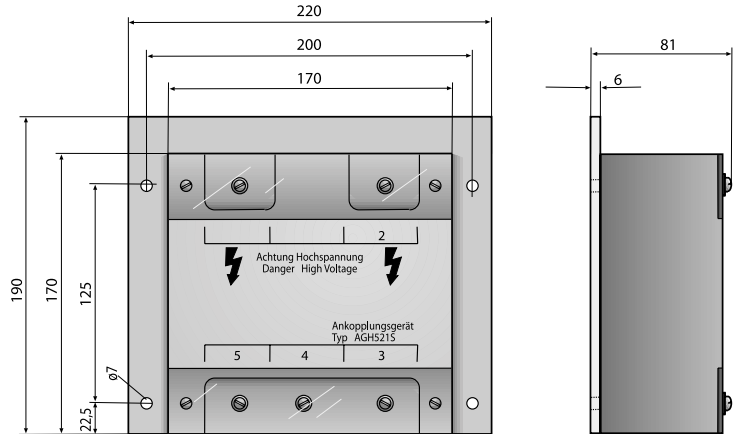
Device type	AGH521S		
<b>Insulation coordination acc. to IEC 60664-1:</b>			
Rated insulation voltage	AC 2500 V		
Rated impulse withstand voltage/contamination level	12 kV/3		
<b>Voltage range</b>			
Nominal voltage range $U_n$	AC 45...65 Hz 0...2750 V / DC 0...1650 V		
Tests of the Electromagnetic Compatibility -EMC- acc. to EC directives, test data see Annex	Yes		
<b>General data</b>			
Ambient temperature, during operation	-10°C to +55°C		
Storage temperature range	-40°C to +70°C		
Climatic class acc. to IEC 60721 (except condensation and formation of ice)	3K5		
Operating mode	continuous operation		
Mounting	any position		
Connection	modular terminals		
Cross sectional area of connecting cable, single wire	0.2...4 mm <sup>2</sup>		
Cross sectional area of connecting cable, flexible	0.2...2.5 mm <sup>2</sup>		
Protection class acc. to DIN EN 60529			
Built-in components	IP 64		
Terminals/with terminal covers	IP 20		
Type of enclosure/dimension diagram	resin-encapsulated		
Screw fixing	Yes		
Flammability class	UL94		
Technical manual	TGH1241E		
Weight max.	4500 g		

# Coupling device AGH521S

## Product description

AGH521S is a coupling device designed to extend the nominal voltage range of the A-ISOMETER® IR2000 to (3)AC 50...400 Hz, 0 ... 2750 V and DC 0 ... 1650 V. The coupling device has to be connected with terminal 2 to the system being monitored, terminal 5 of the coupling device has to be linked to the terminal AK of the A-ISOMETER®.

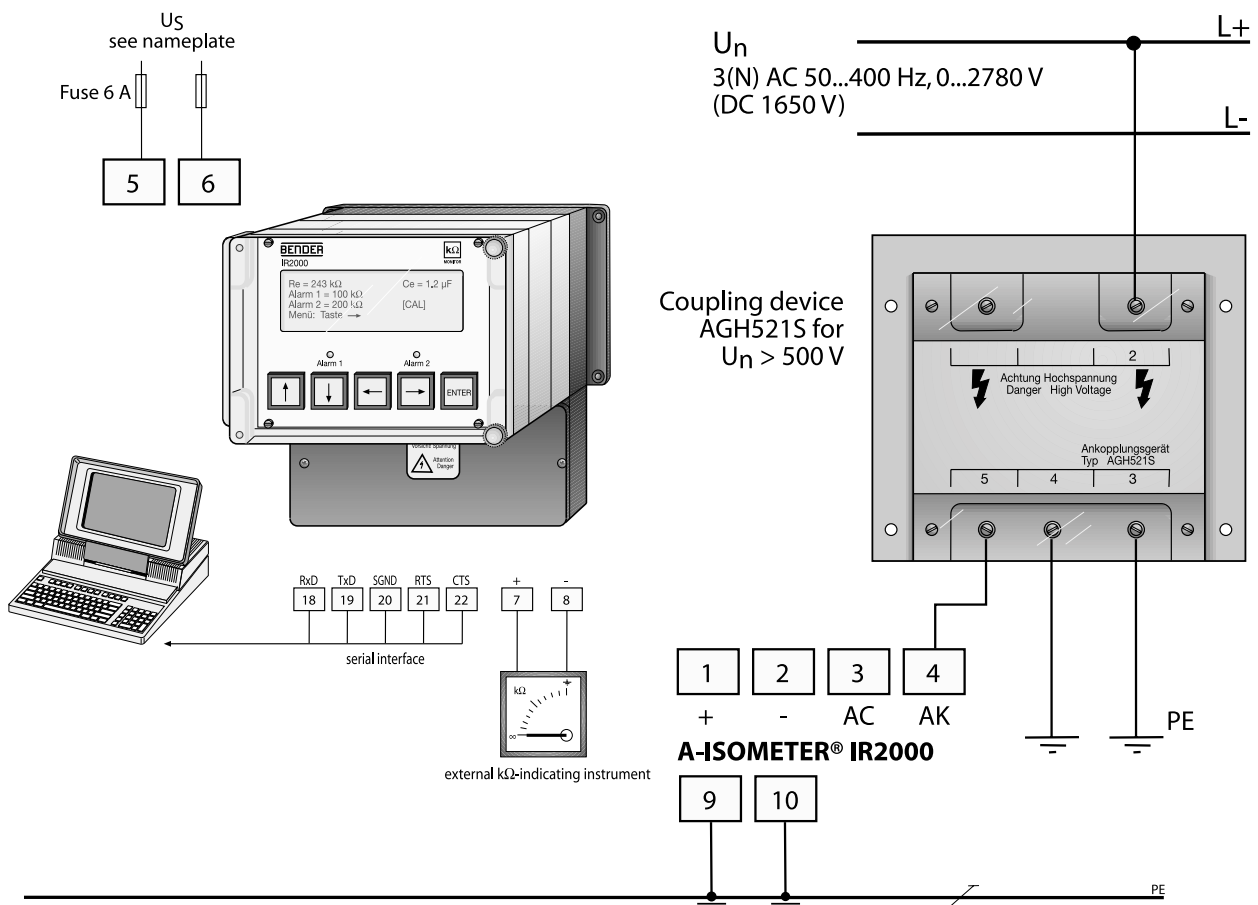
## Dimension diagram



## Ordering details

Type	Nominal voltage range $U_n$	Art. No.
AGH521S	(3)AC 0...2750 V / DC 0...1650 V	B 920 001

## Wiring diagram



1.9