

-90 -80 -70 -60 -50 -40 -30 -20 -10

-10

-20

# Filter Control FS-21

*EasyRange*



## Technical Data

**Operating Voltage**  
230 V, 50 Hz

**Fuse for 230 V Version**  
4 A T (alternatively: 4 A mT)

**Power Consumption**  
approx. 8 VA

**Option 24 V Version**  
24 V AC valve supply  
max. 20 VA, fuse protection 1 A T

**Data Retention follow. Power Failure**  
configuration and parameter data are safely archived in EEPROM

**Outputs**  
2 phase-ass. change over cont. (230 V AC)  
2 phase-ass. norm. open switch (230 V AC)  
2 neutral change-over contacts  
max. contact load 230 V AC / 2 A  
24V AC / 20VA for valve control (optionally)

**Relay Contact Data**  
230 V, 50 Hz, 8 A

**Inputs**  
4 inputs via optocoupler  
contact load 10 V DC, ca. 8 mA

**Climatic Conditions**  
acc. to DIN EN 60204-1 ( 05-2010 )

**Ambient Temperature**  
operation: -20 ... +55 °C  
transport / storage: -25 ... +55 °C

**Housing**  
DIN plastic housing for wall installation  
– IP54

**Dimensions**  
W / H / D : 212 x 184 x 94 mm

**Ordering Info:**  
FS-21 - 230V : E1339  
FS-21 - 230V / 24V : E1340

The FS-21 Filter Controller performs the basic tasks for controlling a single or double filter unit with pilot distributors or central control valves. The valve types are selected via configuration and the FS-21 adapts automatically to the selected valve type during the course of operation. Both decarbonisation filters and gravel-packed filters can be regulated. For more complex applications and an expanded range of functions, we recommend the use of our FS-201 filter control.