

# Preset counters electromechanic

1 preset, subtracting

Display 5-digits, manual reset button

## FS314



FS314 - front panel with screw mount

### Features

- Preset counter with one preset
- Subtracting
- Display 5-digits
- With reset button
- Front panel with screw mount

### Technical data - electrical ratings

|                            |  |
|----------------------------|--|
| Voltage supply             | 24/110 VAC $\pm 10\%$ (50/60 Hz)<br>230 VAC $+6/-10\%$ (50/60 Hz)<br>24 VDC $\pm 10\%$ |
| Residual ripple            | <48 %  |
| Nominal frequency          | 50 / 60 Hz   |
| Pulse ratio                | 1:1  |
| Service life               | 100 million impulses   |
| Preset                     | 1 preset   |
| Output contact             | Change-over contact by micro-switch, one-pole  |
| Switching capacity         | 100 VA / 30 W  |
| Limit switch lifetime      | 1 million switching cycles   |
| Spark extinguisher         | Recommended for inductive load   |
| Standard<br>DIN EN 61010-1 | Protection class II<br>Overvoltage category II<br>Pollution degree 2                   |
| Emitted interference       | DIN EN 61000-6-4   |
| Interference immunity      | DIN EN 61000-6-2   |

### Technical data - mechanical design

|                         |                             |
|-------------------------|-----------------------------|
| Display                 | White numbers on black      |
| Number of digits        | 5-digits                    |
| Digit height            | 4.5 mm                      |
| Count mode              | 1 impulse = 1 count         |
| Step-by-step switching  | Subtracting in 2 half steps |
| Measuring range         | 99 999                      |
| Zero setting            | Manual by reset button      |
| Ambient temperature     | 0...+45 °C                  |
| Storage temperature     | -20...+70 °C                |
| Relative humidity       | 80 % non-condensing         |
| Protection DIN EN 60529 | IP 41                       |
| Housing type            | Built-in housing            |
| Connection              | Soldering pins (flat)       |
| Mounting type           | Front panel with 2 screws   |
| Dimensions W x H x L    | 60 x 75 x 61 mm             |
| Cutout dimensions       | 51 x 51 mm                  |
| Mounting depth          | 77.5 mm                     |
| Weight approx.          | 150 g                       |
| Material                | Housing: Noryl PPO, black   |

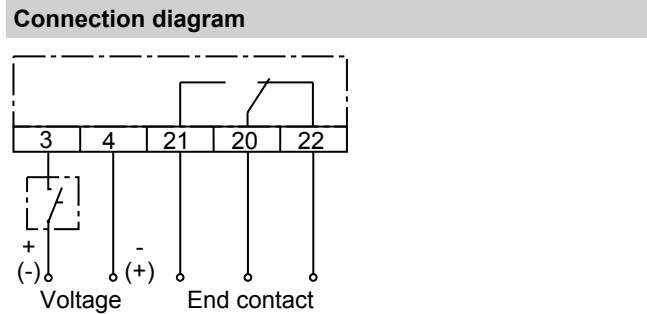
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| Trigger level             |            |            |
|---------------------------|------------|------------|
| Count                     | Voltage DC | Voltage AC |
| Power                     | 2.2 W      | 2.4 VA     |
| Min. pulse duration       | 25 ms      | 50 ms      |
| Min. pulse interval       | 25 ms      | 50 ms      |
| Switch on time (at 25 °C) | 100 %      | 100 %      |



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### Part number

FS314. 

|      |  |   |
|------|--|---|
| 550A |  | B |
|------|--|---|

Display  
B 5-digits 99999

Voltage  
A3 24 VDC  
A5 24 VAC  
A8 110 VAC  
A9 230 VAC

Zero setting  
550A With reset button

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## Dimensions

