

FEATURES

- Bidirectional digital counter
- Counts impulses
- Supply voltage of 230 V ac
- Transistor input type
- 6-digit display
- Depth of 96 mm
- Screw clamp connection type
- Automatic and manual reset methods
- Panel mounting
- Maximum count frequency of 20 kHz
- Display range of 0 to 99.99
- Weight of 240 g
- CE and GOST-R approved
- Operating temperature range from 0°C to +50°C

RS PRO Counter Counter, 6 Digit LED, 20kHz, 230 V ac

RS Stock No.: 808-6627



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This 6-digit LED digital counter from the RS PRO range is a versatile piece of kit that you can use for a wide range of counting applications.

Most electronics run autonomously today, so counters are frequently used to regulate them. Capable of measuring things like frequency and time, they're often used as digital clocks and electronic device timers. You can also use counters like these to tally the number of times a digital event occurs.

This counter has a clear 6-digit LED display and simple button configuration for ease of use. The counter is very easy to set up and comes with a straightforward panel mount that just about anyone can install.

General Specifications

Measurement Range	0 to 99.99
Minimum Measurement	0
Count Mode	Impulses
Maximum Count Frequency	20kHz
Display Range	0 to 99.99
Display Type	LED
Number of Digits	6
Digit Height	8mm, 13.2mm
Function	Counter
Meter Type	Electronic
Reset Method	Automatic, Manual
Count Direction	Bi-Directional
Backlighting	No
Casing Colour	Black
Applications	Digital clocks, frequency counters and electronic device timers

Function Characteristics:	
Number of Keys	4
Hour Meter Function	Ranges 0 to 99.99

Electrical Specifications

Supply Voltage	230VAC
Connection Type	Screw Clamp

Input Characteristics:

Input Type	Transistor
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Output Characteristics:

Interface	Relay
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Mechanical Specifications

Mounting Type	Panel Mount
Cutout Size	96mm x 48mm
Cutout Height	96mm
Cutout Width	48mm
Depth	95mm
Weight	240g

Operation Environment Specifications

Maximum Temperature	+50°C
Maximum Operating Temperature	+55°C
Minimum Operating Temperature	0°C

Approvals

Compliance/Certifications	CE; GOST-R Approved
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SPECIFICATIONS

INPUTS

Counting Inputs(Ch-A, Ch-B): Switch, proximity, capacitive sensor or encoder can be connected.

Reset Input: Switch, proximity or capacitive sensor can be connected.

Pause Input: Switch, proximity or capacitive sensor can be connected.

Sensor Type Selection: NPN or PNP can be selected,

Reset Function: Automatic or Manual

Count Input Types and Maximum Frequency:

INC, DEC, INC/DEC, INC/INC, UP/DOWN Max. 20kHz.

x1 / x2 / x4: phase shifting (for encoder) counting; Maximum 10kHz.