

RANGE



MODULAR VERSION

- BURDEN
- OPERATING FREQUENCY
- POWER SUPPLY

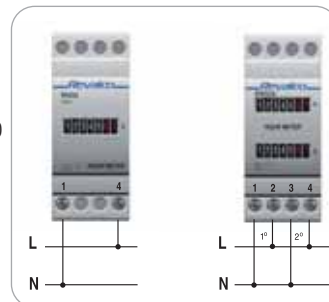
SINGLE: 1RH24-1RH110-1RH230-1RH400-1RH36C
DOUBLE: 1RHD230

(single)
 1 W (single); 2 x 1 W (double)
 50 or 60 Hz to specify when ordering
 24 V AC $\pm 10\%$ Mod. 1RH24 110 V AC $\pm 10\%$ Mod. 1RH110
 230 V AC $\pm 10\%$ Mod. 1RH230 400 V AC $\pm 10\%$ Mod. 1RH400
 12-36 V DC Mod. 1RH36C
 (double)
 2 x 230V $\pm 10\%$
 IP20
 II
 (single)
 1RH24, 1RH110, 1RH230, 1RH400 1/100h (36 sec)
 1RH36C 1/10h (6 min)
 (double)
 2 x 1/100h (36 sec)
 working -10°C $\div$ +55°C / storage -25°C $\div$ +70°C
 AC 99999,99 h; DC 99999,9 h / AC 2 x 99999,99 h (double)
 2 DIN modules / 0,10 (single); 0,12 (double)

- PROTECTION DEGREE
- INSULATION CLASS
- READING CLASS

- TEMPERATURE
- DISPLAY
- DIMENSIONS / WEIGHT kg.
- EXAMPLES WHEN ORDERING

1RH230
 1RHD230
 hourmeter 230V, frequency 50Hz
 Double hourmeter 230V, frequency 50Hz

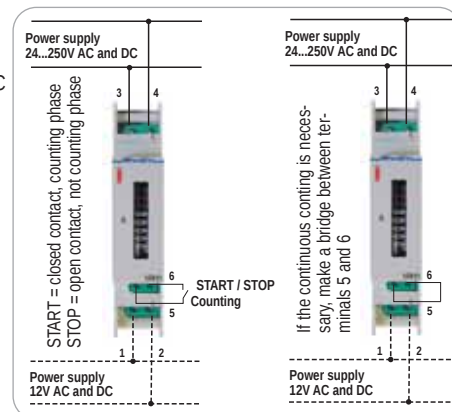


MULTI VOLTAGES

- BURDEN
- OPERATING FREQUENCY
- SOLE POWER SUPPLY
- PROTECTION DEGREE
- INSULATION CLASS
- READING CLASS
- TEMPERATURE
- DISPLAY
- INPUT
- DIMENSIONS / WEIGHT kg.
- EXAMPLES WHEN ORDERING

0,5 W
 50/60 Hz
 12V AC and DC or from 24 to 250V AC and DC
 IP20
 II
 1/100h
 working -10°C $\div$ +55°C
 storage -25°C $\div$ +70°C
 99999,99 h
 not galvanically insulated from power supply
 1 DIN module / 0,08
 modular hourmeter 1DIN module

1RH1



SWITCHBOARD VERSION



4RK30 - 4RK3024
 4RK3048 - 4RK3060
 4RK30400 - 4RK301236C



4RK46 - 4RK4624 - 4RK4648
 4RK4660 - 4RK46110
 4RK46400 - 4RK461050C



4RH72 - 4RH7224 - 4RH7248
 4RH7260 - 4RH72110
 4RH72400 - 4RH721050C



4RH96 - 4RH9624 - 4RH9648
 4RH9660 - 4RH96110
 4RH96400 - 4RH961050C



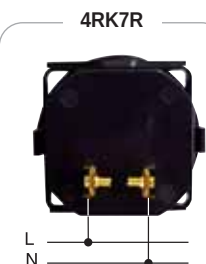
4RK7R

	AC CURRENT	
	4RH-4RK46	4RK30
- BURDEN	1,5VA	1 VA
- POWER SUPPLY (to specify)	110 - 230VAC (+10% / -15%) 400VAC ($\pm 5\%$) 50Hz or 60Hz	
- FREQUENCY (to specify)	99999,99 h (5 entires + 2 decimals)	
- DISPLAY	4RK46 = IP54	IP40
- PROTECTION DEGREE	4RH72 / 4RH96 = IP52	

- Using the AM72 frame with the hourmeter type 4RK46, this device change the external dimensions into 74x74 mm
- Model 4RK30 is supplied complete of fast fixing system and AMRK2448 frame
- Model 4RK46 is supplied with fast fixing system and "U-bolt" fixing system
- Model 4RK46D has DIN rail mounting system on the back.

EXAMPLES WHEN ORDERING

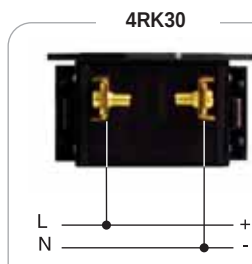
- 4RK46 hourmeter 230V, frequency 50Hz
- 4RH72*110*60HZ hourmeter 110V, frequency 60Hz
- 4RH96*400 hourmeter 400V, frequency 50Hz
- 4RK30*60HZ hourmeter 230V, frequency 60Hz
- WEIGHT (kg): 4RK46 (0,09), 4RH72 (0,18), 4RH96 (0,20), 4RK30 (0,05)



4RK7R



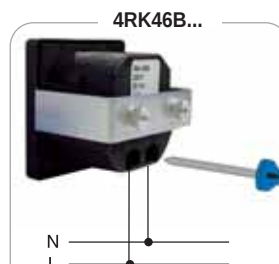
4RH....



4RK30



4RK46....



4RK46B...



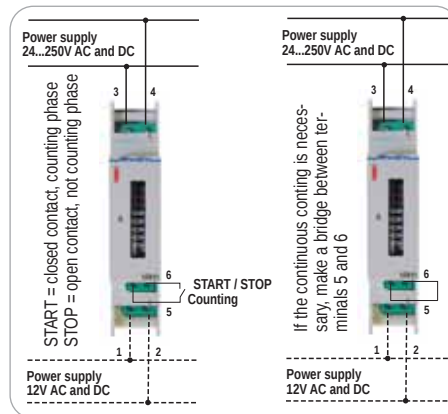
4RK46+AM72



- BURDEN	0,5 W
- OPERATING FREQUENCY	50/60 Hz
- SOLE POWER SUPPLY	12V AC and DC or from 24 to 250V AC and DC
- PROTECTION DEGREE	IP20
- INSULATION CLASS	II
- READING CLASS	1/100h
- TEMPERATURE	working -10°C ÷ +55°C storage -25°C ÷ +70°C 99999,99 h
- DISPLAY	
- INPUT	not galvanically insulated from power supply
- DIMENSIONS / WEIGHT kg.	1 DIN module / 0,08
- EXAMPLES WHEN ORDERING	1RH1

modular hourmeter 1DIN module

1RH1

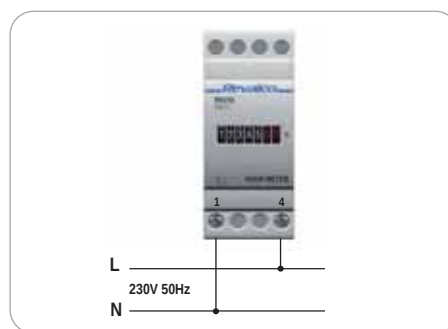


- BURDEN	1 W
- OPERATING FREQUENCY	50 Hz
- POWER SUPPLY	230V ± 10% (other on request)
- PROTECTION DEGREE	IP20
- INSULATION CLASS	II
- READING CLASS	1/100h
- TEMPERATURE	working -10°C ÷ +55°C storage -25°C ÷ +70°C 99999,99 h
- DISPLAY	
- DIMENSIONS / WEIGHT kg.	2 DIN modules / 0,12
- Customer can seal the hourmeter putting it into the proper box (to buy in the market)	
- EXAMPLES WHEN ORDERING	1RH230

modular hourmeter 2 DIN modules 230V, 50Hz



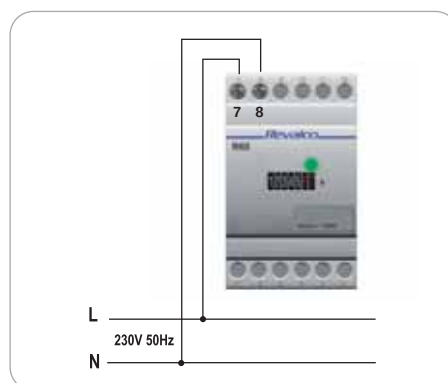
1RH230



- BURDEN	1 W
- OPERATING FREQUENCY	50 Hz
- POWER SUPPLY	230V ± 10% (other on request)
- PROTECTION DEGREE	IP20
- INSULATION CLASS	II
- READING CLASS	1/100h
- TEMPERATURE	working -10°C ÷ +55°C storage -25°C ÷ +70°C 99999,99 h
- DISPLAY	
- LED	light-on = voltage presence
- DIMENSIONS / WEIGHT kg.	3 DIN modules / 0,18
- EXAMPLES WHEN ORDERING	1RH3

modular hourmeter 3 DIN modules 230V, 50Hz

1RH3



One input current 5A	1RHA315
Three input currents 5A	1RHA335
One input current 1A	1RHA311
Three input currents 1A	1RHA331
- BURDEN	1 W
- OPERATING FREQUENCY	50/60 Hz
- POWER SUPPLY	230V and 100V ± 10% (other on request)
- PROTECTION DEGREE	IP20
- INSULATION CLASS	II
- READING CLASS	1/100h
- TEMPERATURE	working -10°C ÷ +55°C storage -25°C ÷ +70°C 99999,99 h
- DISPLAY	
- LED	green light-on = voltage presence red light-on = working because the minimum load limit is overpassed
- DIMENSIONS / WEIGHT kg.	3 DIN modules / 0,18
- Minimum load threshold limit is calibrated in factory at 1/200 of nominal current	
So: 0,025A in case of nominal current = 5A	
0,005A in case of nominal current = 1A	
- EXAMPLES WHEN ORDERING	1RHA315 1RHA331 1RHA335*100

hourmeter with one input current 5A, 230V
hourmeter with three input currents 1A, 230V
hourmeter with three input currents 5A, 100V



1RHA315
1RHA335
1RHA311
1RHA331

