

ZN48-220 COMPTEUR NUMERIQUE MULTIFONCTION DOUBLE AFFICHAGE ALIMENTATION 220VDC

ZN48-220



■ Model number and parameters

Model number	Input signal	External dimensions	Perforate dimensions
ZN48	Contact, sensor	48x48x91mm	46 ¹ ₀ x46 ¹ ₀ mm

■ ZN48 counter model number legend

ZN48

Supply voltage

-220VAC: 220VAC OU -24V: 24V

■ General

Model number	ZN series
Supply voltage	36, 220, 380VAC 50/60 Hz; 12VAC/DC, 24VAC/DC
Operating mode	<p>Single delay (Up): 99.99s/9999s//9999min/99min59s/99h59min. out code: 1-6</p> <p>Single delay (Down): 99.99s/9999s//9999min/99min59s/99h59min. out code: 1-6</p> <p>Double delay (Up): 9999s/9999min/99min59s/99h59min. out code: 1,2</p> <p>Double delay (Down): 9999s/9999min/99min59s/99h59min. out code: 1,2</p> <p>Accumulation (reset immediately): 99h59min59.99s/999h59min59s/9999d23h59min. out code: 1-6</p> <p>Accumulation (reset after 8s): 99h59min59.99s/999h59min59s/9999d23h59min. out code: 1-6</p> <p>Frequency: 9999Hz/999.9Hz. out code: 1,3</p> <p>Rotation: 60-9999RPM. out code: 1,3</p> <p>Frequency/Rotation: 0-9999. out code: 1,3. multiple: a,b</p> <p>Reversible count: 0-9999. out code: 1,3,5</p> <p>Reversible count: 0-9999. out code: 1,3,5. multiple: a</p> <p>Reversible count: 0-99999999. out code: 1,3,5</p> <p>Reversible count: 0-99999999. out code: 1,3,5. multiple: a</p>
Output mode	<p>1. When power on, the counter work, reach or exceed the set value, relay switch on.</p> <p>2. When power on, the counter don't work (can make it work by reset button or reset terminals), reach or exceed the set value, relay switch on.</p> <p>3. When power on, the counter work, reach or exceed the set value, relay switch off.</p> <p>4. When power on, the counter don't work (can make it work by reset button or reset terminals), reach or exceed the set value, relay switch off.</p> <p>5. When power on, the counter work, reach or exceed the set value, relay switch on, when reach to preset reset time, the counter reset automatically, begin work again.</p> <p>6. When power on, the counter don't work work (can make it work by reset button or reset terminals), reach or exceed the set value, relay switch on, when reach to preset reset time, the counter reset automatically, begin work again.</p>
Input Signal	Contact, sensor (NPN type)
Max. counting speed	10KHz
Control form	SPDT
Contact rating	5A@250Vac, 7A@24Vdc
cal life	1×10^6
Electrical life	1×10^5
Power consumption	3W max
Setting method	Dial switch
Indication method	8-segment 4-digital display
Counting error	≤ 1

Reset time	≥0.05s
Power reset	≥1s
Dielectric strength	2000Vac, 50/60Hz for 1min
Insulation resistance	100MΩ min. at 500 VDC
Matched sensor	NPN type: M8 2mm Sn , M12 4mm Sn , M18 8mm Sn , M18 2m Sn M30 4m Sn
Operating temperature	-10 to 50 °C
Operating humidity	30-85% RH max, non-condensing
Alias name	ZN series time relay, counting relay, frequency meter, tachometer