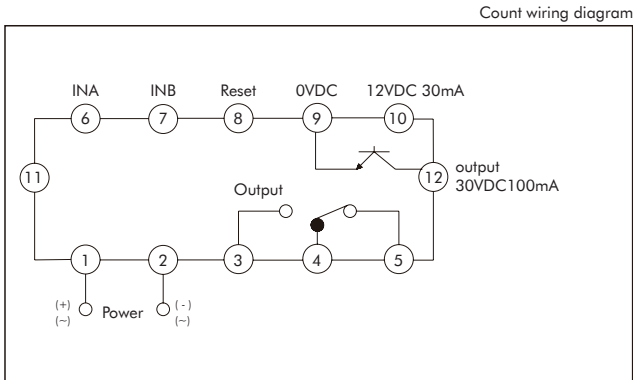
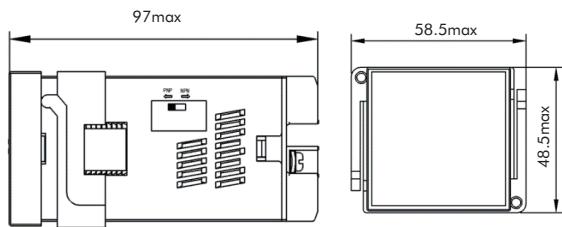


4. Wiring diagram

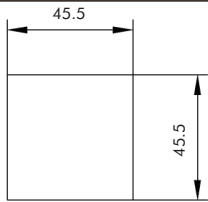


5. Overall and mounting dimensions (mm)

External dimension



Opening size



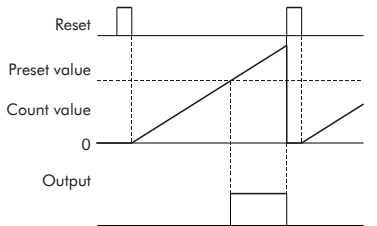
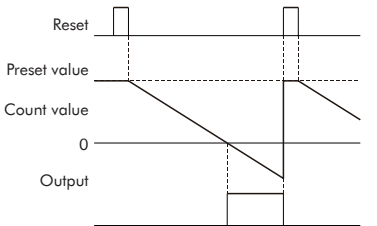
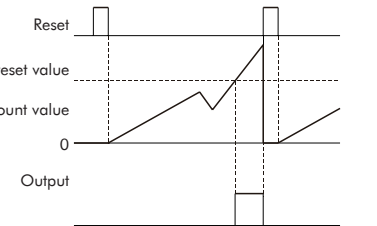
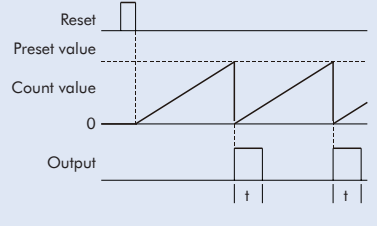
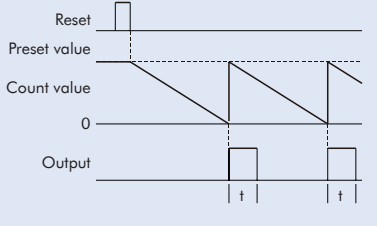
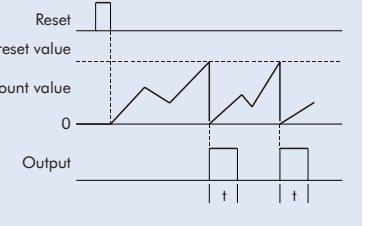
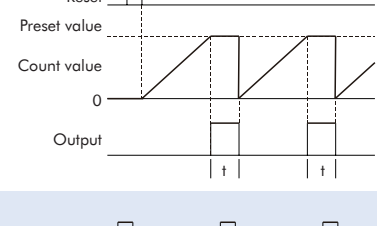
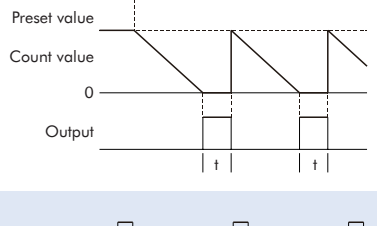
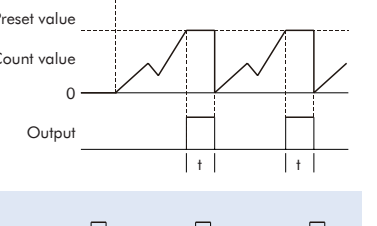
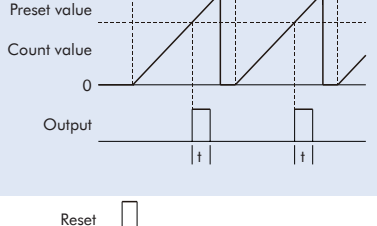
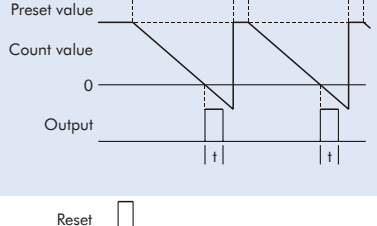
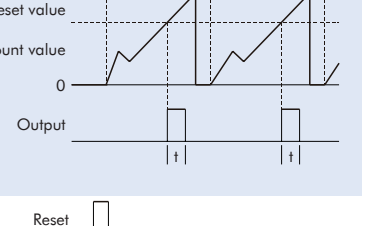
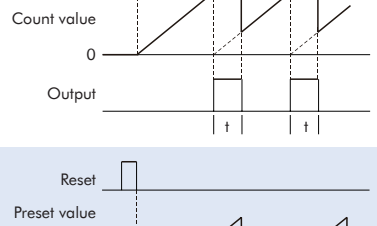
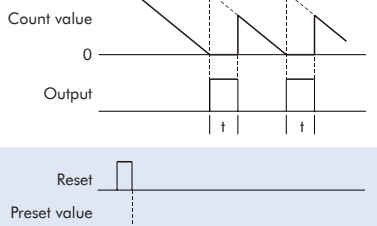
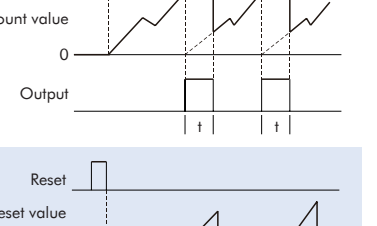
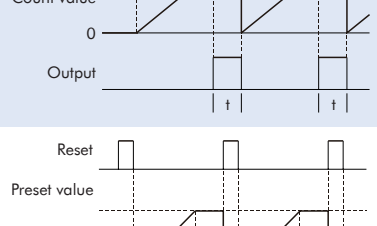
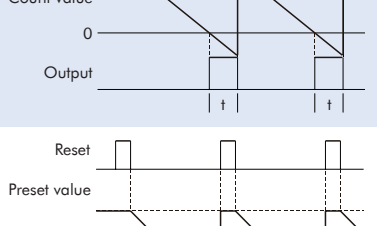
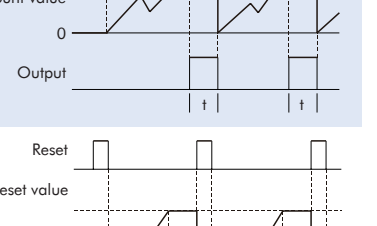
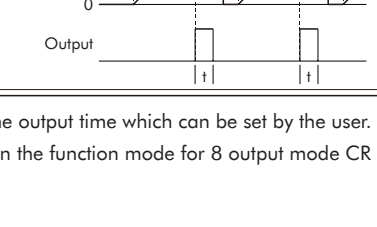
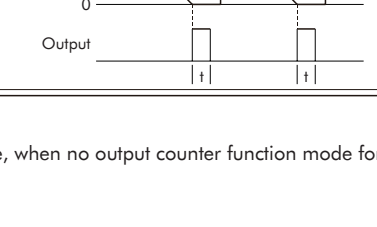
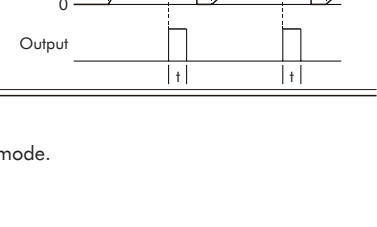
6. Sequence diagram of counting mode

Counting mode	Timing-sequence diagram	Remark
U Addition counting mode	<p>The diagram shows three signals: INA, INB, and Count value. INA has a series of rising edges. INB has a high pulse that occurs during the first three rising edges of INA. The Count value starts at 0 and increases to 5. The count value is 1 after the first rising edge of INA, 2 after the second, and 3 after the third. The count value remains at 3 until the rising edge of INB, then it increases to 4 and finally to 5.</p>	Count at INA rising edge, stop counting at INB input.
	<p>The diagram shows three signals: INA, INB, and Count value. INA has a high pulse that occurs during the first three falling edges of INB. The Count value starts at 0 and increases to 5. The count value is 1 after the first falling edge of INB, 2 after the second, and 3 after the third. The count value remains at 3 until the rising edge of INA, then it increases to 4 and finally to 5.</p>	Count at INB input falling edge at INB input.

Counting mode	Timing-sequence diagram	Remark
D Subtraction counting mode	<p>*n Preset value</p>	Count at INA rising edge, stop counting at INB input.
UD-A Reversible counting mode A	<p>*n Preset value</p>	Reversible counting mode A: Addition counting at INA input, subtraction counting when INB input is active.
UD-B Reversible counting mode B	<p>*n Preset value</p>	Reversible counting mode B: Addition counting at INA input, subtraction counting at INB input.
UD-C Reversible counting mode C	<p>*n Preset value</p>	Reversible counting mode C: Automatic recognition of positive and reverse rotations, addition and subtraction counting.

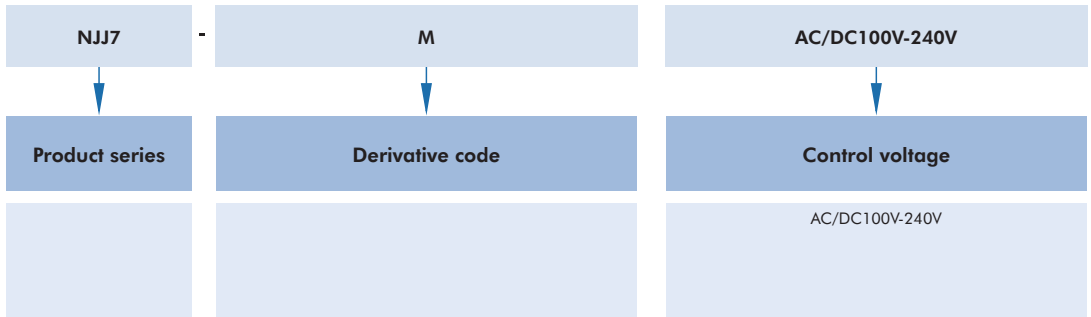
7. Sequence diagram of output mode

Output mode	Plus counting mode	Minus counting mode	Inverse counting mode A,B,C
$\Gamma(N)$			

Output mode	Plus counting mode	Minus counting mode	Inverse counting mode A,B,C
F(F)			
C(C)			
R(R)			
K(K)			
P(P)			
Q(Q)			
A(A)			

Note: t is the output time which can be set by the user.

When the function mode for 8 output mode CR mode, when no output counter function mode for CT mode.



Control voltage	Contact ability	Programming group	Description	Code
AC/DC100V-240V	220V/0.75A, lth:5A	1Z	NJJ7-M AC/DC100V-240V	305042