

TO: NISHIZAWA ELECTRIC METERS MANUFACTURING CO., LTD.

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### "NISHIZAWA" Meter Relay Specifications Check List

**Meter Relays are made-to order items.**

**Please complete the following for a quotation request or attach to purchase order and send to NISHIZAWA.**

**Changes to the specifications are not accepted after the P/O is received by NISHIZAWA.**

Date; \_\_\_\_\_

Company Name; \_\_\_\_\_

Your Name; \_\_\_\_\_

1	Model	<input type="checkbox"/> 2103	<input type="checkbox"/> 2104	
2	Relay setting	<input type="checkbox"/> L only	<input type="checkbox"/> H only	<input type="checkbox"/> H & L
3	Power Supply (DC12V, DC24V, AC100V, AC110V, AC120V, AC200V, AC220V, AC240V)			
4	Type of INPUT	<input type="checkbox"/> AC	<input type="checkbox"/> DC	
5	INPUT Value ( i.e., 0 to5, 0 to 10, 4 to 20, 1 to 5, etc.) *Note; Maximum input value : AC5A, DC20A, AC300V, DC300V			
6	INPUT unit parameter * i.e., V(voltage), A (current), mA, $\mu$ A, mV, etc			

In case of input and scaling are different,

7	Scaling value ( i.e., 0 to 10, 4 to 20, 1 to 5, etc.)		
8	Scaling unit parameter ( i.e., same as #6 above, or %, kg, kW, etc. )		
9	Options ( i.e., External Shunt, External multiplier, CT, etc. ) *Note 1. When the maximum-input value is larger than AC5A, an external CT (CT-5MRN) is required with the AC5A instrument. 2. When the maximum-input value is larger than DC20A, an external shunt (NS-1) is required with the DC50mV instrument. 3. When the maximum-input value is larger than AC300V, an external multiplier is used with the AC1mA instrument. 4. When the maximum-input value is larger than DC300V, an external multiplier is used with the DC1mA instrument.	<input type="checkbox"/> YES Please indicate below;	<input type="checkbox"/> NO
10	Other custom specifications as required	<input type="checkbox"/> YES Please indicate below;	<input type="checkbox"/> NO

Other custom specifications

a	$\pm 1.5\%$ class ; for Model 2103
b	Extended scale ; double or triple extended scale.
c	Segmented scale (except 4-20mA, 1-5V) ; magnified scale for up to 40% of the maximum scale value.
d	Double deflection meter ; for example, zero-centered scale
e	Relay response time ; time constant 0.05 second fixed (DC) and variable types also available.
f	Setting accuracy ; Version with $\pm 1.0\%$ type.
g	Delay time ; Version with variable delay time after power on, 0.1 to 10 seconds: (for instruments input DC), 2 to 12 seconds; (for instruments input AC)
h	Output signal : Version with 1V DC/f.s. output terminal (Note; not isolated from input circuit ground).