

Totalizers



Type	isi30, 31, 32, 33	N 208	N 214
isiLine			
Supply voltage	Internal lithium battery	12...24 VDC	24/48, 115/230 VAC, 24 VDC
Power consumpt.	--	80 mA	7 VA, 5 W
Sensor supply	--	--	12...26 VDC
Input	NPN, PNP or AC/DC	Count, Reset, etc.	Count, Reset, etc.
Display	LCD, 8-digit	LED, 6-digit	LED, 6-digit
Interface	--	--	RS232/422/485
Counting rate	30, 3 k, 6 k, 7 k, 12 kHz	3 / 25 / 10000 Hz	3 / 25 / 10000 Hz
Counting mode	Adding, Subtracting or difference counting	A90°B, A-B, etc.	A90°B, A-B, etc.
Front dimensions	48 x 24 mm	50 x 25 mm	96 x 48 mm
Particularities	Optional: Display backlight illumination	--	0 - contact

Preselection Counters



Type	NE131	NE134	NE210	NE212	NE213
Supply voltage	85...265VAC 10...30 VAC/VDC	24/48, 115/230 VAC 12...30 VDC	24/48, 115/230 VAC 24 VDC	24/48, 115/230 VAC 24 VDC	24/48, 115/230 VAC 24 VDC
Sensor supply	--	Max. 60 mA	Max. 50 mA	Max. 100 mA	Max. 100 mA
Inputs	12...260 VAC/VDC	A,B, 3 contr. inp	A,B, 1 contr. inp	A,B, 3 contr. inp	A,B, 3 contr. inp
Counting rate	25 / 1000 Hz	3 / 25 / 10000 Hz	15 / 10000 Hz	15 / 25 / 10000 Hz	15 / 25 / 10000 Hz
Output	1 or 2 relay	2 electr. or relay	1 electr. a. relay	3 electr. or relay	3 electr. or relay
Display	LCD, 6-digit	LCD, 6-digit	LED, 5-digit	LED, 8-digit	LED, 8-digit
Interface	--	RS485	--	RS232 / 422 / 485	RS232 / 422 / 485
Counting mode	Adding or subtr.	A90°B, A-B, etc.	A90°B, A-B, etc.	A90°B, A-B, etc.	A90°B, A-B, etc.
Front dimensions	48 x 48 mm	48 x 48 mm	48 x 48 mm	72 x 72 mm	72 x 72 mm
Particularities	Backgr. illumination	Backgr. illumination	Time preset meter	10-key pad	Customized



NE214	NE215	NE216	NE218	NE230
24/48, 115/230 VAC 24 VDC	24/48, 115/230 VAC 24 VDC	24/48, 115/230 VAC 12...30 VDC	24/48, 115/230 VAC 24 VDC	85...265 VAC 10...30 VAC/ VDC
Max. 100 mA	Max. 80 mA	Max. 60 mA	Max. 85 mA	Max. 100 mA
A,B, 2 contr. inp	A,B, 2 contr. inp	A,B, 2 contr. inp	A,B, 2 contr. inp	A,B, 2 contr. inp.
3 / 25 / 10000 Hz	10000 Hz	3 / 25 / 10000 Hz	3 / 25 / 10000 Hz	3 / 25 / 10000 Hz
2 electr. a. relay	3 relays	2 electr. or relay	2 relays	2 relays
LED, 6-digit	LED, 8-digit	LED, 5-digit	LED, 6-digit	LED, 6-digit
RS232 / 422 / 485	RS232 / 422 / 485	RS485	RS422 / 485	RS232 / 485
A90°B, A-B, etc.	A90°B, B x 1	A90°B, A-B, etc.	A90°B, A-B, etc.	A90°B, A-B, etc.
96 x 48 mm	72 x 72 mm	48 x 48 mm	96 x 48 mm	70 x 42 mm
Option: analog output	PTB-version	Time preset meter	2 presets	2 presets, DIN-housing