




















## 150A~300A Series Current Transducers

|   | New Model No.   | Old Model No.   | Primary Nominal Current | Secondary nominal output                  | Measuring Range | Ratio    | Accuracy | Linearity | Offset of zero |  |                        | Working Principle      | Supply Voltage    | Response Time   | Isolation Voltage | Operating Temperature   | Picture   | Page         |
|---|---|-----------------|-------------------------|---|-----------------|----------|----------|-----------|----------------|--|------------------------|------------------------|-------------------|-----------------|-------------------|---|---|--------------|
| 200A  | NACL.200H2-S2   | TT200-S         | 200A                    | 100mA                                     | 0~±300A         | 1 : 2000 | ≤ ±1%    | ≤ 0.1%    | ≤ ±0.25mA      |  |                        | Magnetic Balance       | ±(12~18)×(1±10%)V | ≤ 1us           | 6kV/50Hz/1min     | -25℃~+70℃   |    | 44/Fig. (16) |
|   | NACL.200H2-T2   | TT200-T         |                         |   |                 |          |          |           |                |  |                        |                        |                   |                 |                   |   |   |              |
|   | NACL.200R-S5/SP1  | NT208-S/SP1     | 200A                    | 100mA                                     | 0~±300A         | 1 : 2000 | ≤ ±0.5%  | ≤ 0.1%    | ≤ ±0.2mA       |  |                        | Magnetic Balance       | ±(12~15)×(1±5%)V  | ≤ 1us           | 6kV/50Hz/1min     | -25℃~+85℃   |    | 40/Fig. (6)  |
|   | NACL.200R-T5/SP1  | NT208-T/SP1     |                         |   |                 |          |          |           |                |  |                        |                        |                   |                 |                   |   |   |              |
|   | NACL.200P1-S6   | NA200-P         | 200A                    | 100mA                                     | 0~±300A         | 1 : 2000 | ≤ ±0.6%  | ≤ 0.15%   | ≤ ±0.2mA       |  |                        | Magnetic Balance       | ±(12~15)×(1±5%)V  | ≤ 1us           | 3kV/50Hz/1min     | -25℃~+85℃   |    | 43/Fig. (15) |
|   | NACL.200R-S5/SP3  | NT208-S/SP5     | 200A                    | 100mA                                     | 0~±300A         | 1 : 2000 | ≤ ±0.5%  | ≤ 0.1%    | ≤ ±0.2mA       |  |                        | Magnetic Balance       | ±(12~15)×(1±5%)V  | ≤ 1us           | 6kV/50Hz/1min     | -25℃~+85℃   |    | 44/Fig. (17) |
|   | NACF.200C-S5/V  | NCA1C-200A      | 200A                    | 4V  | 0~±600A         | /        | ≤ ±1%    | ≤ 1%      | ≤ ±40mV        |  |                        | Straight Amplification | ±15×(1±5%)V       | ≤ 3us           | 3kV/50Hz/1min     | -40℃~+85℃   |    | 41/Fig. (8)  |
|   | NACF.200C-S5/SP3V   | NCA1C-200A/SP5  | 200A                    | (2.5±0.5I <sub>P</sub> /I <sub>N</sub> )V | 0~±600A         | /        | ≤ ±2%    | ≤ 1%      | ≤ ±10mV        |  |                        | Straight Amplification | +5×(1±5%)V        | ≤ 5us           | 3kV/50Hz/1min     | -10℃~+80℃   |    | 41/Fig. (9)  |
|   | NACF.200C-S5/SP4V   | NCA1C-200A/SP7  | 200A                    | 4V  | 0~±600A         | /        | ≤ ±1%    | ≤ 1%      | ≤ ±40mV        |  |                        | Straight Amplification | ±15×(1±5%)V       | ≤ 3us           | 3kV/50Hz/1min     | -40℃~+85℃   |   | 42/Fig. (10) |
|   | NACF.200C-S5/SP5V   | NCA1C-200A/SP10 | 200A                    | 4V  | 0~±600A         | /        | ≤ ±1%    | ≤ 1%      | ≤ ±40mV        |  |                        | Straight Amplification | ±15×(1±5%)V       | ≤ 3us           | 3kV/50Hz/1min     | -40℃~+85℃   |  | 42/Fig. (11) |
|   | NACF.200E-S2/V  | NCA1E-200A      | 200A                    | +10V                                      | /               | /        | ≤ ±1%    | ≤ 1%      | ≤ ±50mV        |  |                        | Straight Amplification | +24×(1±10%)V      | ≤ 10us          | 6kV/50Hz/1min     | -25℃~+70℃   |  | 44/Fig. (18) |
|   |  NACL.200B4-S5 | /               | 200A                    | 100mA                                     | 0~±450A         | 1 : 2000 | ≤ ±0.5%  | ≤ 0.1%    | ≤ ±0.2mA       |  |                        | Straight Amplification | ±(12~15)×(1±5%)V  | ≤ 1us           | 3.5kV/50Hz/1min   | -40℃~+85℃   |  | 65/Fig. (80) |
|  NACL.200B4-S5/SP1 | /   | 200A            | 100mA                   | 0~±450A                                   | 1 : 2000        | ≤ ±0.5%  | ≤ 0.1%   | ≤ ±0.2mA  |                |  | Straight Amplification | ±(12~15)×(1±5%)V       | ≤ 1us             | 3.5kV/50Hz/1min | -40℃~+85℃         |  | 68/Fig. (88)  |              |
|  NACF.200C-S5/SP6V | /   | 200A            | 4V                      | 0~±600A                                   | /               | ≤ ±1%    | ≤ 1%     | ≤ ±40mV   |                |  | Straight Amplification | ±15×(1±5%)V            | ≤ 3us             | 3kV/50Hz/1min   | -40℃~+85℃         |  | 68/Fig. (90)  |              |
|  NACF.200H1-S5/V   | /   | 200A            | 4V                      | 0~±400A                                   | /               | ≤ ±1%    | ≤ 1%     | ≤ ±30mV   |                |  | Straight Amplification | ±15×(1±5%)V            | ≤ 7us             | 6kV/50Hz/1min   | -40℃~+85℃         |  | 67/Fig. (85)  |              |
| 300A  | NACL.300H2-S2   | NT300-S         | 300A                    | 150mA                                     | 0~±500A         | 1 : 2000 | ≤ ±1%    | ≤ 0.1%    | ≤ ±0.25mA      |  |                        | Magnetic Balance       | ±(12~18)×(1±10%)V | ≤ 1us           | 6kV/50Hz/1min     | -25℃~+70℃   |  | 45/Fig. (20) |
|   | NACL.300H2-T2   | NT300-T         |                         |   |                 |          |          |           |                |  |                        |                        |                   |                 |                   |   |   |              |
|   | NACL.300R-S5  | NT308-S         | 300A                    | 150mA                                     | 0~±500A         | 1 : 2000 | ≤ ±0.5%  | ≤ 0.1%    | ≤ ±0.2mA       |  |                        | Magnetic Balance       | ±(12~15)×(1±5%)V  | ≤ 1us           | 6kV/50Hz/1min     | -25℃~+85℃   |  | 40/Fig. (5)  |
|   | NACL.300R-T5  | NT308-T         |                         |   |                 |          |          |           |                |  |                        |                        |                   |                 |                   |   |   |              |

“ ● ” UL in certification