

## Ballasts with Thermal Cut-out for HS and HI Lamps 35 to 250 W

Shape: 53x66 mm

| Lamp  |        |           | Ballast           |               |                  |         |      |      |      |           |       |                |                   | Capacitor |           |
|---|--------|-----------|-------------------|---------------|------------------|---------|------|------|------|-----------|-------|----------------|-------------------|-----------|-----------|
| Output W  | Type   | Current A | Type              | Ref. No.      | Voltage AC V, Hz | Drawing | a mm | b mm | c mm | Weight kg | Δt K  | Power factor λ | Energy efficiency | Cp μF     | In A      |
| <b>Screw terminals: 0.5–2.5 mm<sup>2</sup> (Drawing B) or 0.75–2.5 mm<sup>2</sup> (Drawing C)</b> |        |           |                   |               |                  |         |      |      |      |           |       |                |                   |           |           |
| 35  | HS, HI | 0.53      | NaHj 35.485*      | <b>503010</b> | 230/240, 50      | B       | 108  | 86   | 36   | 1.07      | 60    | 0.40           | EEL=A3            | 6         | 0.22/0.21 |
| 35  | HS, HI | 0.53      | NaH 50/35.412     | <b>563871</b> | 230, 50          | B       | 117  | 92   | 55   | 1.52      | 25    | 0.36           | <b>A2</b>         | 6         | 0.22      |
| 50  | HS, HI | 0.76      |                   |               |                  |         |      |      |      |           | 40    | 0.34           | <b>A2</b>         | 8         | 0.30      |
| 35  | HS, HI | 0.53      | NaH 50/35.797*    | <b>539515</b> | 230, 50          | B       | 108  | 86   | 36   | 1.07      | 45    | 0.40           | EEL=A3            | 6         | 0.22      |
| 50  | HS, HI | 0.76      |                   |               |                  |         |      |      |      |           | 70    | 0.37           | EEL=A3            | 8         | 0.30      |
| 50  | HS, HI | 0.76      | NaH 50.486*       | <b>507498</b> | 230/240, 50      | B       | 108  | 86   | 36   | 1.07      | 65    | 0.37           | EEL=A3            | 8         | 0.30      |
| 50  | HS, HI | 0.76      | NaHj 70/50.695*   | <b>507697</b> | 230/240, 50      | B       | 108  | 86   | 48   | 1.39      | 50    | 0.37           | EEL=A3            | 8         | 0.30/0.29 |
| 70  | HS, HI | 0.98      |                   |               |                  |         |      |      |      |           | 70    | 0.37           | EEL=A3            | 12        | 0.38/0.37 |
| 70  | HS, HI | 0.98      | NaHj 70.226       | <b>563039</b> | 230, 50          | B       | 108  | 86   | 48   | 1.39      | 50    | 0.37           | <b>A2</b>         | 12        | 0.38      |
|   |        |           | NaHj 70.128*      | <b>536582</b> | 230, 50          | B       | 108  | 86   | 36   | 1.07      | 70    | 0.36           | EEL=A3            | 12        | 0.38      |
|   |        |           | NaHj 70.158*      | <b>169722</b> | 230/240, 50      | B       | 108  | 86   | 42   | 1.23      | 70    | 0.36           | EEL=A3            | 12        | 0.38/0.37 |
|   |        |           | NaHj 70.128*      | <b>538830</b> | 230/240, 50      | B       | 108  | 86   | 36   | 1.07      | 70/75 | 0.36           | EEL=A3            | 12        | 0.38/0.37 |
|   |        |           | NaHj 70.158       | <b>546817</b> | 240, 50          | B       | 108  | 86   | 42   | 1.23      | 70    | 0.36           | EEL=A3            | 12        | 0.37      |
| 70  | HS, HI | 0.98      | NaHj 100/70.519   | <b>507628</b> | 230, 50          | B       | 145  | 120  | 75   | 2.03      | 60    | 0.36           | <b>A2</b>         | 12        | 0.38      |
| 100   | HS, HI | 1.20      |                   |               |                  |         |      |      |      |           | 70    | 0.41           | <b>A2</b>         | 12        | 0.55      |
| 70  | HS, HI | 0.98      | NaHj 100/70.703*  | <b>504131</b> | 230, 50          | B       | 117  | 92   | 48   | 1.39      | 60    | 0.37           | EEL=A3            | 12        | 0.38      |
| 100   | HS, HI | 1.20      |                   |               |                  |         |      |      |      |           | 70    | 0.43           | EEL=A3            | 12        | 0.55      |
| 100   | HS, HI | 1.20      | NaHj 100.213      | <b>554005</b> | 230/240, 50      | B       | 117  | 92   | 55   | 1.55      | 60    | 0.41           | <b>A2</b>         | 12        | 0.55/0.53 |
|   |        |           | NaHj 100.941*     | <b>543349</b> | 230, 50          | B       | 108  | 86   | 42   | 1.23      | 75    | 0.42           | EEL=A3            | 12        | 0.55      |
|   |        |           | NaHj 100.941*     | <b>502799</b> | 230/240, 50      | B       | 108  | 86   | 42   | 1.23      | 75/80 | 0.42           | EEL=A3            | 12        | 0.55/0.53 |
| 100   | HS, HI | 1.20      | NaHj 150/100.923  | <b>563876</b> | 230, 50          | C       | 135  | 115  | 68   | 2.87      | 30    | 0.40           | <b>A2</b>         | 12        | 0.55      |
| 150   | HS, HI | 1.80      |                   |               |                  |         |      |      |      |           | 45    | 0.40           | <b>A2</b>         | 20        | 0.77      |
| 100   | HS, HI | 1.20      | NaHj 150/100.973* | <b>504135</b> | 230, 50          | B       | 145  | 120  | 75   | 2.02      | 55    | 0.41           | <b>A2</b>         | 12        | 0.55      |
| 150   | HS, HI | 1.80      |                   |               |                  |         |      |      |      |           | 75    | 0.41           | EEL=A3            | 20        | 0.77      |
| 150   | HS, HI | 1.80      | NaHj 150.166      | <b>562450</b> | 230/240, 50      | B       | 160  | 135  | 95   | 2.5       | 50    | 0.40           | <b>A2</b>         | 20        | 0.77/0.74 |
|   |        |           | NaHj 150.355      | <b>539270</b> | 220, 50          | B       | 145  | 120  | 75   | 2.02      | 65    | 0.39           | EEL=A3            | 20        | 0.80      |
|   |        |           | NaHj 150.620*     | <b>536593</b> | 230, 50          | B       | 145  | 120  | 64   | 1.80      | 70    | 0.40           | EEL=A3            | 20        | 0.77      |
|   |        |           | NaHj 150.995*     | <b>169721</b> | 230/240, 50      | B       | 145  | 120  | 75   | 2.02      | 70    | 0.40           | EEL=A3            | 20        | 0.77/0.74 |
|   |        |           | NaHj 150.620*     | <b>538831</b> | 230/240, 50      | B       | 145  | 120  | 64   | 1.80      | 70/75 | 0.40           | EEL=A3            | 20        | 0.77/0.74 |
|   |        |           | NaHj 150.620      | <b>537763</b> | 240, 50          | B       | 130  | 105  | 64   | 1.80      | 75    | 0.40           | EEL=A3            | 20        | 0.74      |
|   |        |           | NaHj 150.679      | <b>526616</b> | 220, 60          | B       | 145  | 120  | 75   | 2.02      | 65    | 0.42           | EEL=A3            | 16        | 0.80      |
| 250   | HS, HI | 3.00      | NaHj 250.915*     | <b>505054</b> | 230, 50          | B       | 180  | 155  | 110  | 2.84      | 80    | 0.40           | EEL=A3            | 32        | 1.26      |
|   |        |           | NaHj 250.340*     | <b>542349</b> | 230/240, 50      | B       | 180  | 155  | 110  | 2.84      | 80    | 0.39           | EEL=A3            | 32        | 1.26      |
|   |        |           | NaHj 250.340      | <b>508723</b> | 240, 50          | B       | 180  | 155  | 110  | 2.84      | 80    | 0.39           | EEL=A3            | 32        | 1.26      |

\* Ballasts without CE marking for replacements or markets outside of the EU

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