

Représentation schématique des opérateurs logiques

|                  | Opérateur | Symbole ANSI | Symbole CEI                | Équation | Table de vérité |   |
|------------------|-----------|--------------|----------------------------|----------|-----------------|---|
| OUI              |           |              | $S = A$                    | A        | S               |   |
|                  |           |              |                            | 0        | 0               |   |
|                  |           |              |                            | 1        | 1               |   |
| NON              |           |              | $S = \overline{A}$         | A        | S               |   |
|                  |           |              |                            | 0        | 0               |   |
|                  |           |              |                            | 1        | 1               |   |
| ET               |           |              | $S = A \cdot B$            | A        | B               | S |
|                  |           |              |                            | 0        | 0               | 0 |
|                  |           |              |                            | 0        | 1               | 0 |
|                  |           |              |                            | 1        | 0               | 0 |
|                  |           |              |                            | 1        | 1               | 1 |
| OU               |           |              | $S = A + B$                | A        | B               | S |
|                  |           |              |                            | 0        | 0               | 0 |
|                  |           |              |                            | 0        | 1               | 1 |
|                  |           |              |                            | 1        | 0               | 1 |
|                  |           |              |                            | 1        | 1               | 1 |
| XOR              |           |              | $S = A \oplus B$           | A        | B               | S |
|                  |           |              |                            | 0        | 0               | 0 |
|                  |           |              |                            | 0        | 1               | 1 |
|                  |           |              |                            | 1        | 0               | 1 |
|                  |           |              |                            | 1        | 1               | 0 |
| NAND<br>(ET NON) |           |              | $S = \overline{A \cdot B}$ | A        | B               | S |
|                  |           |              |                            | 0        | 0               | 1 |
|                  |           |              |                            | 0        | 1               | 1 |
|                  |           |              |                            | 1        | 0               | 1 |
|                  |           |              |                            | 1        | 1               | 0 |
| NOR<br>(OU NON)  |           |              | $S = \overline{A + B}$     | A        | B               | S |
|                  |           |              |                            | 0        | 0               | 1 |
|                  |           |              |                            | 0        | 1               | 0 |
|                  |           |              |                            | 1        | 0               | 0 |
|                  |           |              |                            | 1        | 1               | 0 |