

## SERIE NC1-Z

> Contactores industriales hasta 95A (AC3).  
Bobina DC



- > Polos: 3P/4P
- > Corriente Nominal: 12 a 95A (AC3) - 20 a 125A (AC1)
- > Potencia: 5,5 a 45kW (AC3)
- > Tensión Bobina: 24, 48, 110, 220 Vdc
- > Accesorable, compatible con contactos auxiliares y timers Línea NC1

| SERIE | POLOS  | INT. NOMINAL    | TIPO DE BOBINA           | TENSIÓN BOBINA (VDC) |
|-------|--------|-----------------|--------------------------|----------------------|
| NC1   | 3P, 4P | 12, 18, ..., 95 | Z:<br>Corriente Continua | 24, 48, 110, 220     |

### NC1-Z Contactor con control en DC

| Código        | Polos | Intensidad |     | Potencia (400 Vac) |       | Tensión Control | Aux. |
|---------------|-------|------------|-----|--------------------|-------|-----------------|------|
|               |       | AC1        | AC3 | kW                 | HP    |                 |      |
| 03010099100CH | 4     | 15A        | 9A  | 4kW                | 3HP   | 24Vdc           | -    |
| 03010129100CH | 4     | 20A        | 12A | 5,5kW              | 7,5HP | 24Vdc           | -    |
| 03010169100CH | 3     | 32A        | 18A | 7,5kW              | 10HP  | 24Vdc           | 1NA  |
| 03010269100CH | 4     | 40A        | 25A | 11kW               | 15HP  | 24Vdc           | -    |
| 03010329100CH | 3     | 50A        | 32A | 15kW               | 20HP  | 24Vdc           | 1NA  |
| 03010409100CH | 4     | 60A        | 40A | 18,5kW             | 30HP  | 24Vdc           | -    |
| 03010509100CH | 4     | 80A        | 50A | 22kW               | 30HP  | 24Vdc           | -    |
| 03010659100CH | 4     | 80A        | 65A | 30kW               | 40HP  | 24Vdc           | -    |
| 03010509100CH | 4     | 125A       | 80A | 37kW               | 50HP  | 24Vdc           | -    |
| 03010659100CH | 4     | 125A       | 95A | 45kW               | 60HP  | 24Vdc           | -    |

### Bobinas DC para NC1-Z

F4I

| Código      | Paraserie | Paratamaños    | paramodelos | Tensión Bobina |
|-------------|-----------|----------------|-------------|----------------|
| 030882018CH | NC1       | 9/12/18        | 3P,4P       | 24Vdc          |
| 030882032CH | NC1       | 25/32          | 3P,4P       | 24Vdc          |
| 030882095CH | NC1       | 40/50/65/80/95 | 3P,4P       | 24Vdc          |
| 030883018CH | NC1       | 9/12/18        | 3P,4P       | 48Vdc          |
| 030883032CH | NC1       | 25/32          | 3P,4P       | 48Vdc          |
| 030883095CH | NC1       | 40/50/65/80/95 | 3P,4P       | 48Vdc          |

### DIMENSIONES / MODELOS CON BOBINA DC

| MODELO          | A máx | B máx | C máx | D máx | E máx | a     | b     | Ø   | L   | P    | S    |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|------|------|
| NC1-09Z-12Z     | 47    | 76    | 116   | 154.5 | 174.5 | 34/35 | 50/60 | 4.5 | 95  | 10.5 | 8.6  |
| NC1-18Z         | 47    | 76    | 122   | 160.5 | 180.5 | 34/35 | 50/60 | 4.5 | 96  | 11.3 | 10.4 |
| NC1-25Z         | 57    | 86    | 131   | 169.5 | 189.5 | 40    | 48    | 4.5 | 107 | 13.2 | 11.7 |
| NC1-32Z         | 57    | 86    | 138   | 176.5 | 196.5 | 40    | 48    | 4.5 | 120 | 14.5 | 13   |
| NC1-4011Z-6511Z | 77    | 129   | 173   | 211.5 | 231.5 | 40    | 105   | 6.5 | 135 | 20   | 8.6  |
| NC1-8011Z-9511Z | 87    | 129   | 188   | 226.5 | 246.5 | 40    | 105   | 6.5 | 140 | 23.5 | 12   |

| CARACTERÍSTICAS                  |                           |                       | NC1-25(Z)                     | NC1-32(Z)     |       |
|----------------------------------|---------------------------|-----------------------|-------------------------------|---------------|-------|
| ELÉCTRICAS                       | ESTRUCTURA                |                       | TAMAÑO 3 (3P, 4P)             | TAMAÑO 4 (3P) |       |
|                                  | Norma                     |                       | IEC/EN 60947-4-1              |               |       |
|                                  | Tensión de trabajo Ue     |                       | Hasta 690 Vac                 |               |       |
|                                  | Tensión de aislamiento Ui |                       | 690 Vac                       |               |       |
|                                  | Frecuencia nominal        |                       | 50/60 Hz                      |               |       |
|                                  | Intensidad térmica Ith    | AC-1                  | 45 A                          | 50 A          |       |
|                                  | Intensidad nominal In     | 380/400 Vac           | AC-3                          | 25 A          | 32 A  |
|                                  |                           |                       | AC-4                          | 8.5 A         | 12 A  |
|                                  |                           | 660/690 Vac           | AC-3                          | 18 A          | 21 A  |
|                                  |                           |                       | AC-4                          | 4.4 A         | 7.5 A |
| Potencia del motor               | AC-3                      | 220/230 Vac           | 5.5 kW                        | 7.5 kW        |       |
|                                  |                           | 380/400 Vac           | 11 kW                         | 15 kW         |       |
|                                  |                           | 660/690 Vac           | 15 kW                         | 18.5 kW       |       |
| Especificaciones de la bobina AC | Tensiones                 | Tensión de control Us | 24, 48, 110, 230, 400 Vac     |               |       |
|                                  |                           | Funcionamiento        | 85%...110% Us                 |               |       |
|                                  |                           | Apertura              | 20%...75% Us                  |               |       |
|                                  | Consumo                   | Cierre                | 110 VA                        |               |       |
|                                  |                           | Retención             | 14 VA                         |               |       |
|                                  |                           | Potencia              | 3...4 W                       |               |       |
| Especificaciones de la bobina DC | Tensiones                 | Tensión de control Us | 24, 48, 110, 220 Vdc          |               |       |
|                                  |                           | Funcionamiento        | 85%...110% Us                 |               |       |
|                                  |                           | Apertura              | 10%...75% Us                  |               |       |
|                                  | Consumo                   | Potencia              | 11 W                          |               |       |
| MECÁNICAS                        | Temperatura ambiente      |                       | -5°C...+40°C                  |               |       |
|                                  | Altitud                   |                       | ≤ 2000 m                      |               |       |
|                                  | Categoría de sobretensión |                       | III                           |               |       |
|                                  | Montaje                   |                       | Carril DIN / Placa de montaje |               |       |
|                                  | Grado de protección       |                       | IP10                          |               |       |
|                                  | Tamaño de tornillo        |                       | M4                            |               |       |
|                                  | Par de apriete            |                       | 1.2 Nm                        |               |       |

### DIMENSIONES TOTALES Y DE MONTAJE

NC1-12Z~32Z

