

- Atendem às exigências da norma NR12
- De acordo com as normas IEC60947-3, EN60947-1, EN60947-5-1 e EN60204-1
- Manoplas permitem a utilização de até 3 cadeados
- Blocos de contatos auxiliares e neutro disponíveis
- Modelo em caixa plástica com IP65
- According to NR12 standard
- According to IEC60947-3, EN60947-1, EN60947-5-1, EN60204-1 standards
- Handles enable the use of up to 3 padlocks
- Auxiliary and neutral contact blocks available
- Model with IP65 plastic box

### Código de compra / How to order

**KP1N-32-3P**

Montagem / Mounting  
P - Painel / Panel  
C - Caixa IP65 / IP65 box

Capacidade / Capacity (lth)  
0 - 20A  
1 - 32A  
3 - 63A  
5 - 100A e / and 150 A

Corrente nominal  
Rated current  
20, 32, 63, 100 ou / or  
150A (apenas / only KC)

Manopla / Handle  
Em branco / Nil  
Bloqueio por cadeado / Padlock lock  
N - Preta / Black



### Especificações / Specifications

|                                                                               |           |      |           |     |             |     |     |
|-------------------------------------------------------------------------------|-----------|------|-----------|-----|-------------|-----|-----|
| Capacidade / Capacity                                                         |           |      | 20        | 32  | 63          | 100 | 100 |
| Corrente nominal / Rated current (lth)                                        | A         |      | 20        | 32  | 63          | 100 | 150 |
| Tensão nominal de operação / Rated operating voltage (Ue)                     | V         |      |           |     | 690         |     |     |
| Tensão nominal de isolamento / Rated voltage insulation (Ui)                  | V         |      |           |     | 690         |     |     |
| Frequência / Frequency                                                        | Hz        |      |           |     | 50 / 60     |     |     |
| Tensão nominal de impulso suportável / Rated voltage impulse withstand (Uimp) | kV        |      | 4         | 4   | 4           | 6   | 6   |
| Corrente nominal de operação / Rated operating current (Ie)                   |           |      |           |     |             |     |     |
| AC-21 A                                                                       | 415V      | A    | 20        | 32  | 63          | 100 | 150 |
| AC-23 A                                                                       | 3 fases   | 230V | 3         | 4,5 | 14          | 20  | 30  |
|                                                                               | 3 phases  | 415V | 5,5       | 11  | 22          | 37  | 65  |
| Grupo de material / Material group                                            | EN60947-1 |      |           |     | II          |     |     |
| Grau de poluição / Pollution degree                                           | EN60947-1 |      |           |     | 3           |     |     |
| Flamabilidade / Flammability                                                  | UL94      |      |           |     | V0          |     |     |
| Temperatura ambiente de operação / Ambient operating temperature              |           |      |           |     | -25 ~ 55 °C |     |     |
| Vida mecânica / Mechanical life (número de operações / number of operations)  |           |      | 500 x 10³ |     | 500 x 10³   |     |     |
| Cabo aplicável (max.) / Applicable cable (max.)                               | mm²       |      | 2,5       | 4   | 10          | 35  | 35  |
| Grau de proteção / Protection degree                                          | KP        |      |           |     | IP30        |     |     |
|                                                                               | KC        |      |           |     | IP65        |     |     |

### Acessórios / Accessories

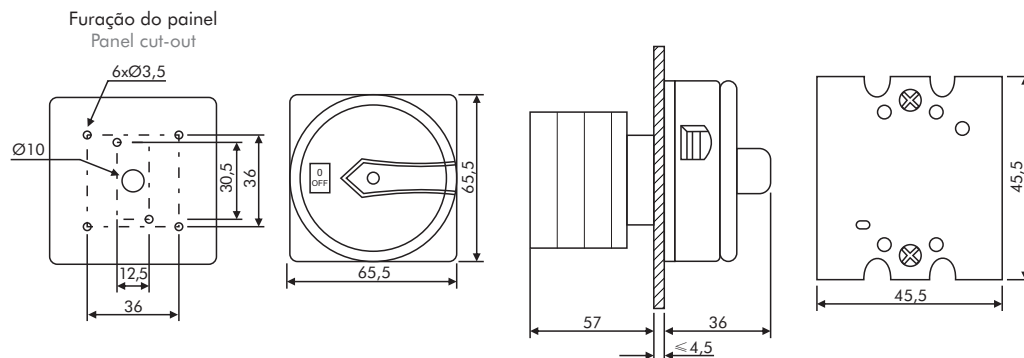
|                                                                               |                |                     |
|-------------------------------------------------------------------------------|----------------|---------------------|
| Corrente nominal / Rated current (lth)                                        | A              | 10                  |
| Tensão nominal de operação / Rated operating voltage (Ue)                     | V              | 690                 |
| Tensão nominal de isolamento / Rated voltage insulation (Ui)                  | V              | 690                 |
| Frequência / Frequency                                                        | Hz             | 50 / 60             |
| Tensão nominal de impulso suportável / Rated voltage impulse withstand (Uimp) | kV             | 4                   |
| Corrente nominal de operação / Rated operating current (Ie)                   | AC-21 A / 690V | 240 V - 5 A (AC-15) |

| Bloco de contato auxiliar / Auxiliary contact block |                                        |                                 |                |
|-----------------------------------------------------|----------------------------------------|---------------------------------|----------------|
| Contato auxiliar<br>Auxiliary contact               | Uso com<br>Suitable for                | Contato<br>Contact              | Código<br>Code |
|                                                     | KP1<br>KD1<br>KC1                      | 1NA+1NF/<br>SPST-NO+<br>SPST-NC | K1-1A1B        |
|                                                     | KP3<br>KD3<br>KC3                      | 1NA+1NF/<br>SPST-NO+<br>SPST-NC | K3-1A1B        |
|                                                     | KP5-100-3P<br>KD5-100-3P<br>KC5-100-3P | 1NA+1NF/<br>SPST-NO+<br>SPST-NC | K5-1A1B        |

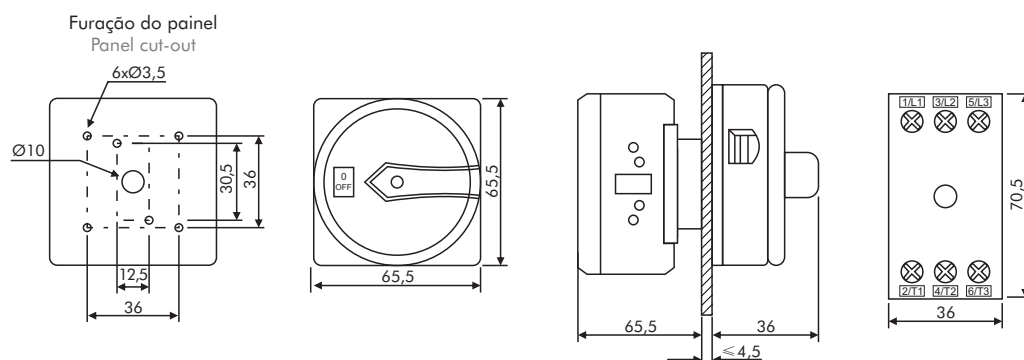
| Bloco de contato neutro / Neutral contact block |                                        |                |
|-------------------------------------------------|----------------------------------------|----------------|
| Contato auxiliar<br>Auxiliary contact           | Uso com<br>Suitable for                | Código<br>Code |
|                                                 | KP1<br>KD1<br>KC1                      | K1-N           |
|                                                 | KP3<br>KD3<br>KC3                      | K3-N           |
|                                                 | KP5-100-3P<br>KD5-100-3P<br>KC5-100-3P | K5-N           |

### Dimensões / Dimensions (mm)

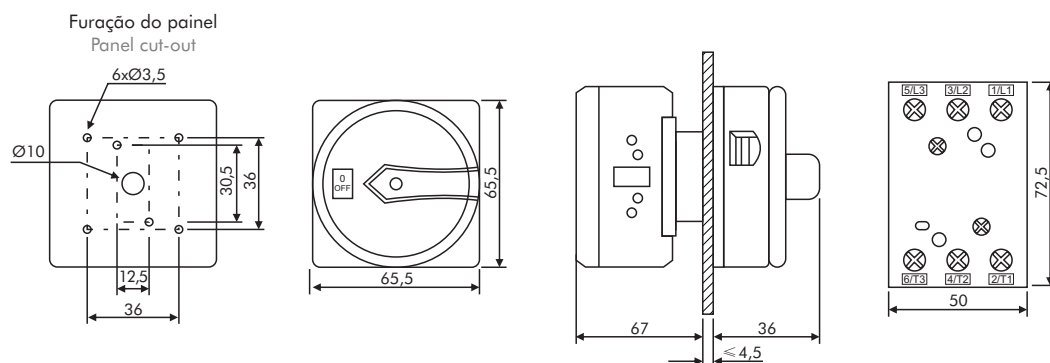
KP0-20-3P



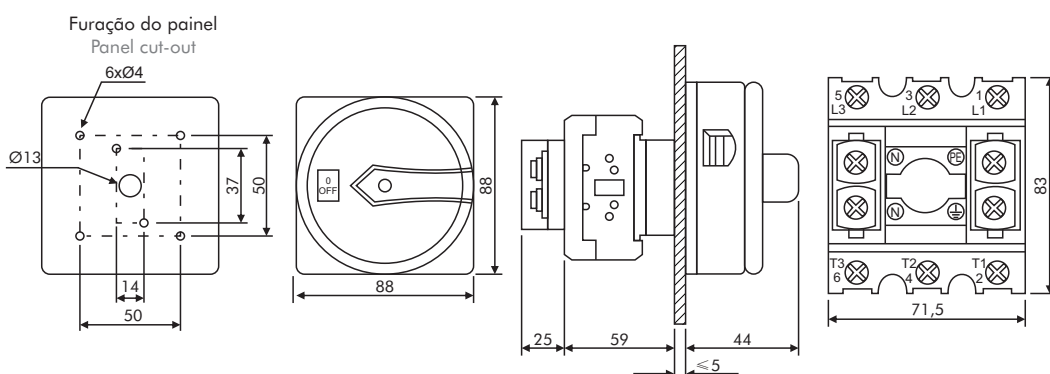
KP1-32-3P



KP3-63-3P



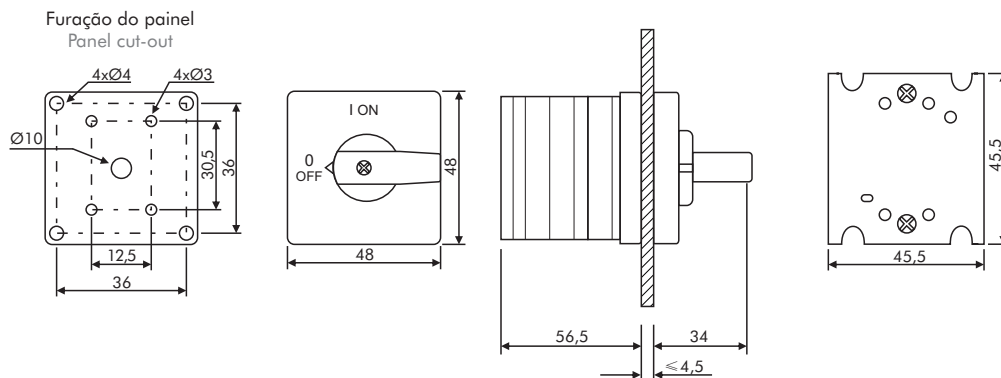
KP5-100-3P



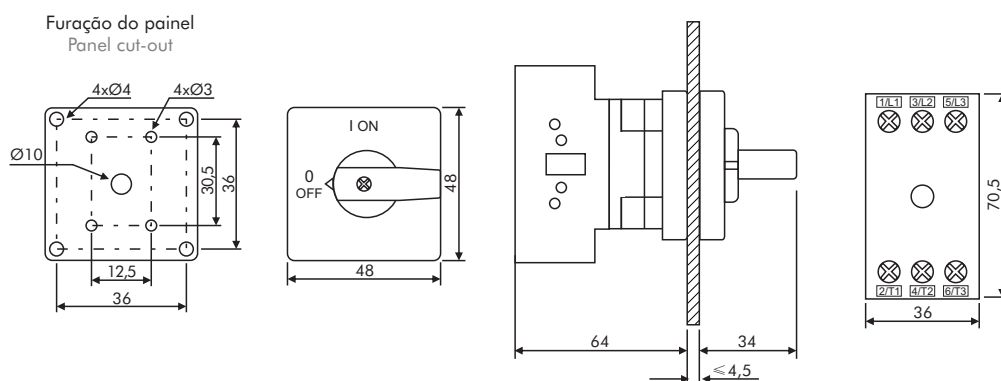
Tolerâncias não indicadas / Not indicated tolerance:  $\pm 0,50\text{mm}$

### Dimensões / Dimensions (mm)

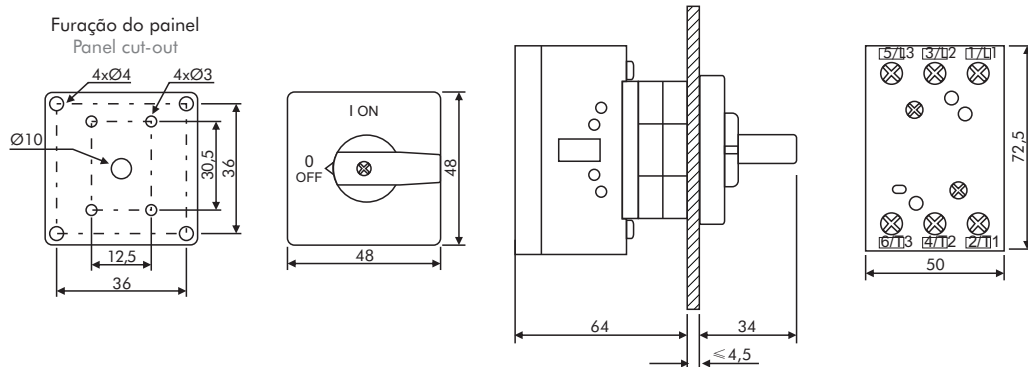
**KP0N-20-3P**



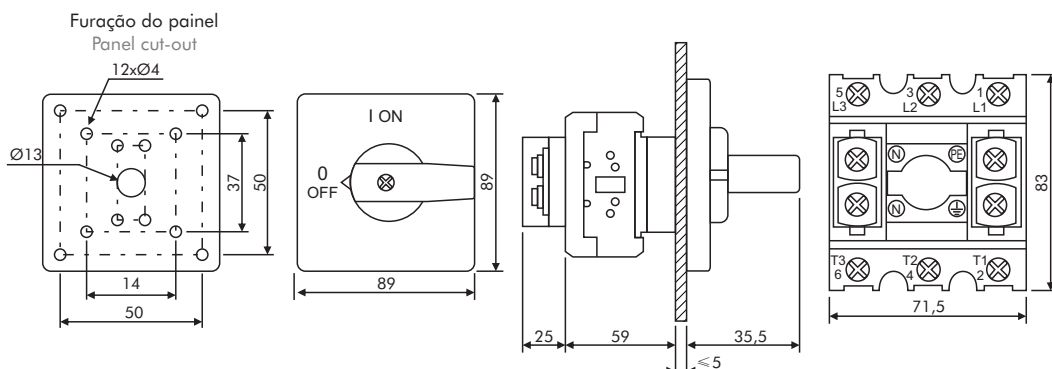
**KP1N-32-3P**



**KP3N-63-3P**



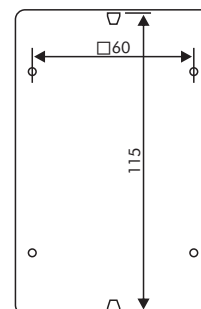
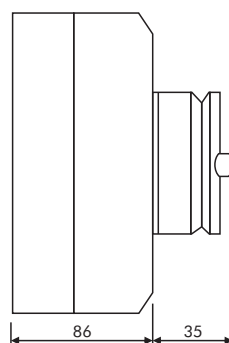
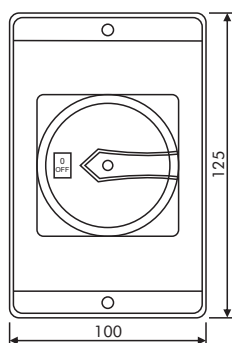
**KP5N-100-3P**



Tolerâncias não indicadas / Not indicated tolerance:  $\pm 0,50\text{mm}$

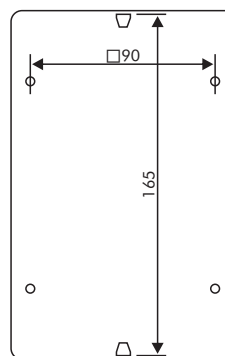
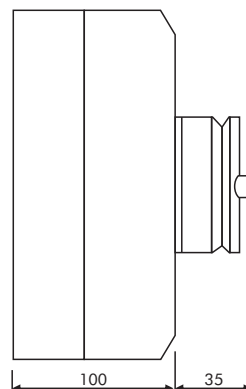
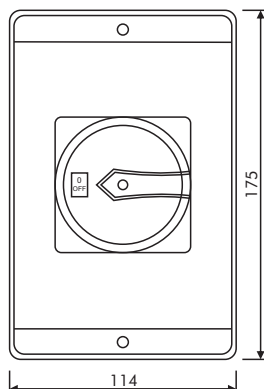
### Dimensões / Dimensions (mm)

KC1-32-3P



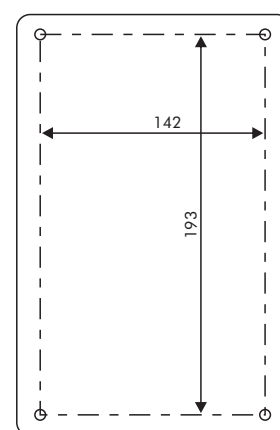
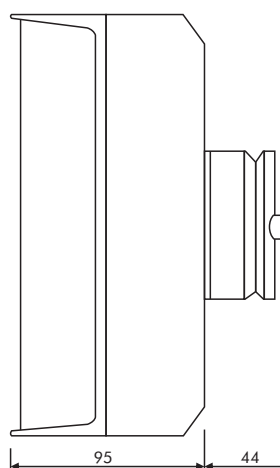
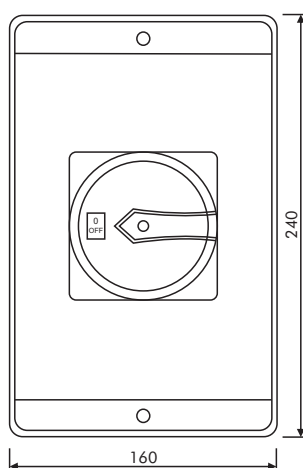
Prensa cabo / Cable gland: M20/M25

KC3-63-3P



Prensa cabo / Cable gland: M20/M25

KC5-100-3P / KC5-150-3P



Prensa cabo / Cable gland: M25/M32