



LINHA DKA

DKA SERIES

DISJUNTORES EM CAIXA

ABERTA

AIR CIRCUIT BREAKERS

ESPECIFICAÇÕES TÉCNICAS

TECHNICAL SPECIFICATIONS



PRINCIPAIS CARACTERÍSTICAS / MAIN CHARACTERISTICS

- Instalação fixa;
Fixed installation;
- Controlador inteligente incorporado;
Intelligent controller;
- Capacidade de interrupção (Icu) de até 100 kA;
Breaking capacity (Icu) up to 100 kA;
- De acordo com IEC60947;
According to IEC60947;



CÓDIGO DE COMPRA / HOW TO ORDER



*Veja na tabela código e modelos / *See the code and models table

MODELOS / MODELS



DKA25



DKA40

CÓDIGOS / CODES

| Modelo Models | Corrente nominal Corrente nominal (In) | Códigos Codes |
|------------------|---|-------------------|
| 25 | 1600 A | DKA25-1600A/3P-2F |
| | 2000 A | DKA25-2000A/3P-2F |
| | 2500 A | DKA25-2500A/3P-2F |
| 40 | 3200 A | DKA40-3200A/3P-2F |

ESPECIFICAÇÕES GERAIS / GENERAL SPECIFICATIONS

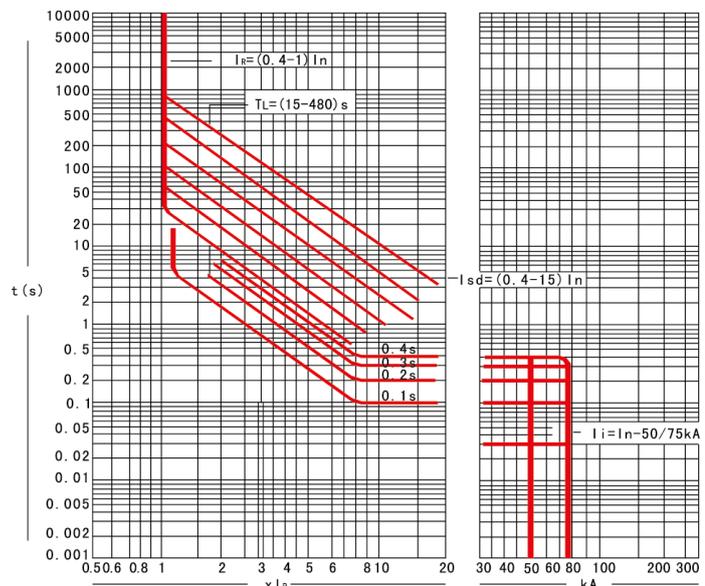
| | | | |
|---|---|--------------------|----------|
| Modelo / Models | 25 | 40 | |
| Número de polos / Number of poles | 3 | | |
| Corrente nominal I_n (A) à temperatura ambiente 40°C Rated current (A) at ambient temperature 40°C | 630*, 800*, 1000*, 1250*, 1600, 2000, 2500 | 2900*, 3150*, 3200 | |
| Tensão nominal U_n / Rated voltage U_n | 690 VCA / VAC | | |
| Frequência / Frequency | 50/60 Hz | | |
| Categoria de utilização / Category | B | | |
| Tensão nominal de isolamento U_i - CNS/IEC Rated insulation voltage U_i - CNS/IEC | 1000 VCA / VAC | | |
| Tensão admissível de impulso - U_{imp} Impulse permissible voltage - U_{imp} | 12 kV | | |
| Icu/Ics Capacidade de interrupção Breaking capacity (kA) | AC 400V | 80 / 80 | 100 / 80 |
| | AC 690V | 50 / 40 | 65 / 65 |
| Icw Corrente de resistência a curto-circuito nominal Rated short-circuit withstand current (kA) | AC 400V | 55 | 80 |
| | AC 690V | 40 | 50 |
| Tempo de interrupção / Breaking time (ms) | < 30 | | |
| Tempo de fechamento / Closing time (ms) | < 70 | | |
| Vida mecânica / Mechanical life | 15.000 | 10.000 | |
| Vida elétrica / Electric life | 8.000 | 7.000 | |
| Botão de disparo / Button trip | Disponível / Available | | |
| Indicador de ON/OFF / ON/OFF indicator | Disponível / Available | | |
| Barreira entre polos / Interpole barrier | Inclusa / Included | | |
| Conexões / Connections | Parafuso e barramento / Screw terminal and busbar | | |
| Grau de proteção / Degree of protection | IP30 | | |
| Normas / Standards | IEC60947 | | |
| Peso / Weight (Kg) | 44 | 56 | |

*Estes modelos são obtidos através do ajuste do controlador eletrônico.
*These models are obtained by electronic controller adjust

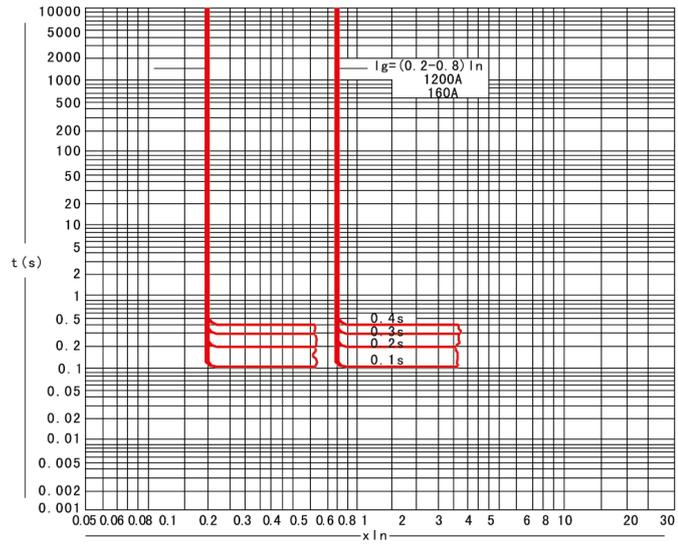
Icu - Capacidade de interrupção máxima de curto circuito / Maximum short circuit breaking capacity
Ics - Capacidade de interrupção de curto circuito em serviço / Maximum short circuit breaking capacity in service

CURVA DE DISPARO / TRIPPING CURVE

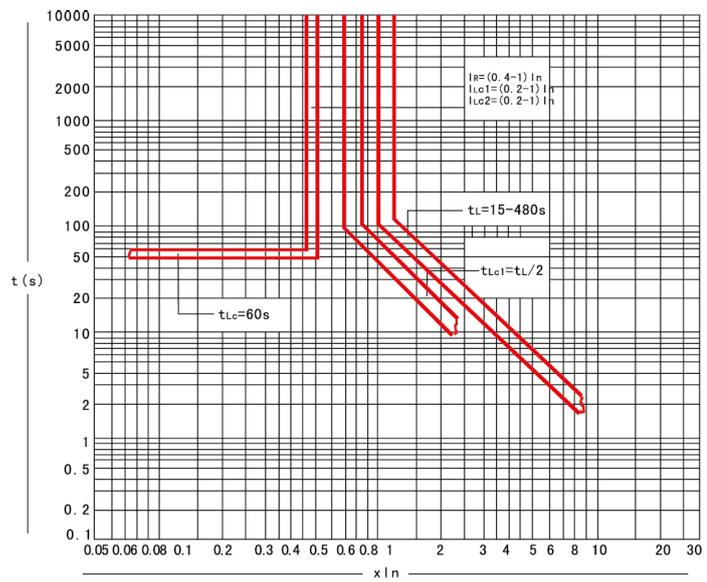
Funções básicas (atraso longo, atraso curto e proteção instantânea)
Basic functions (long delay, short delay, and instantaneous protection)



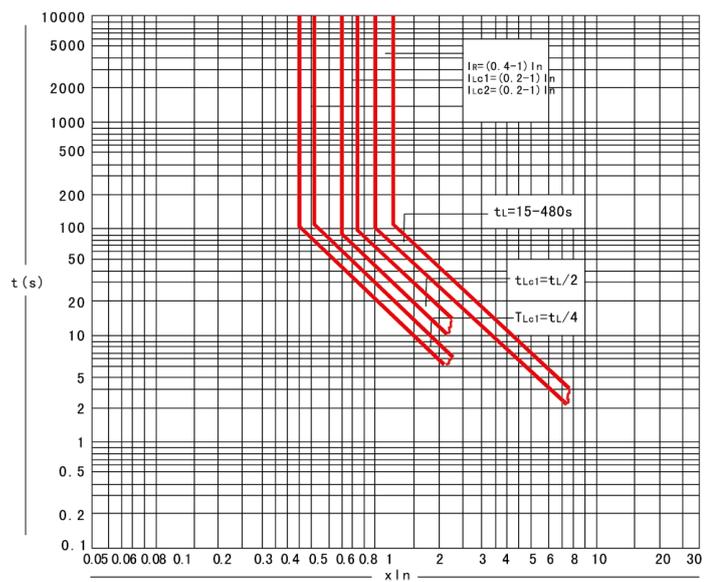
Proteção contra falhas à terra
Ground fault protection



Monitoramento e controle de carga
(características de proteção para 1 limite de carga e 1 sobreposição de carga)
Load monitoring and control (protection characteristics for 1 load limit and 1 load overlap)



Monitoramento e controle de carga
(características de proteção de limite de carga dupla)
Load monitoring and control (protection characteristics of dual load limit)



FUNÇÕES DO FRONTAL / FRONTAL FUNCTIONS

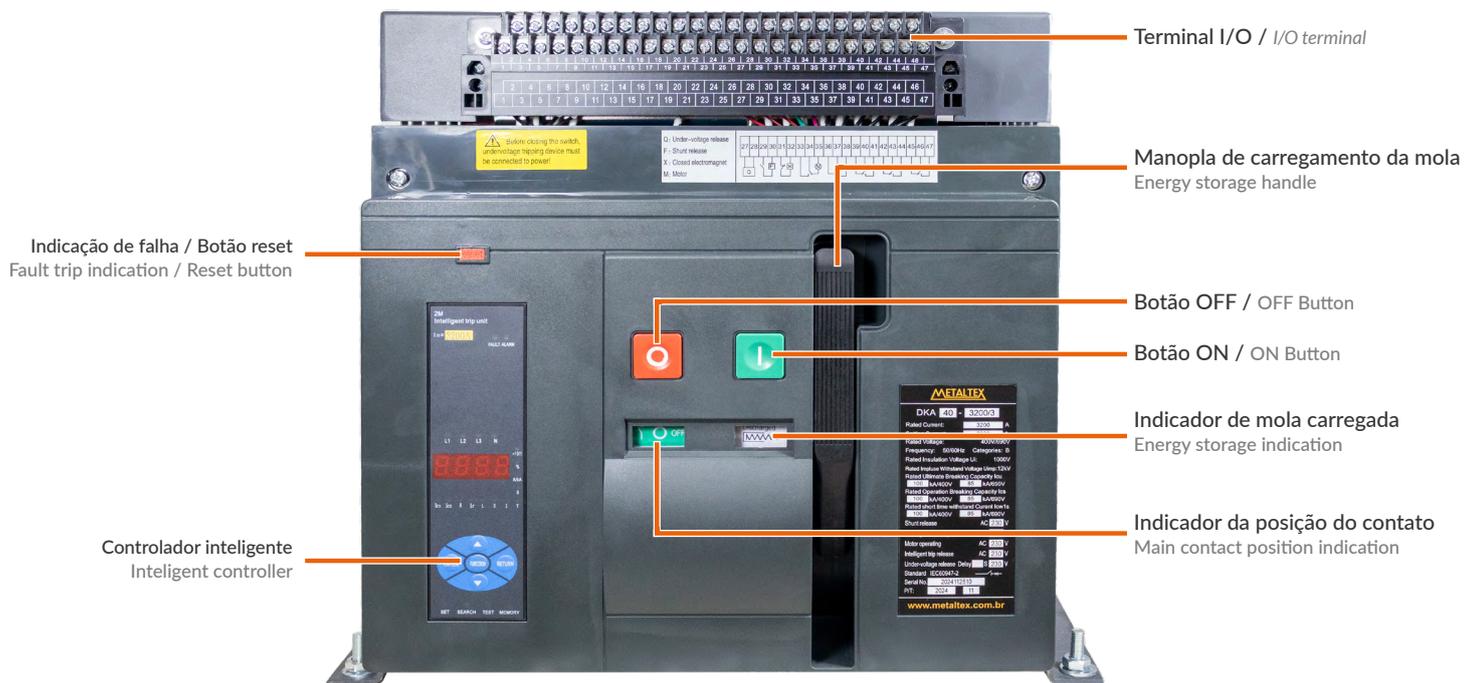
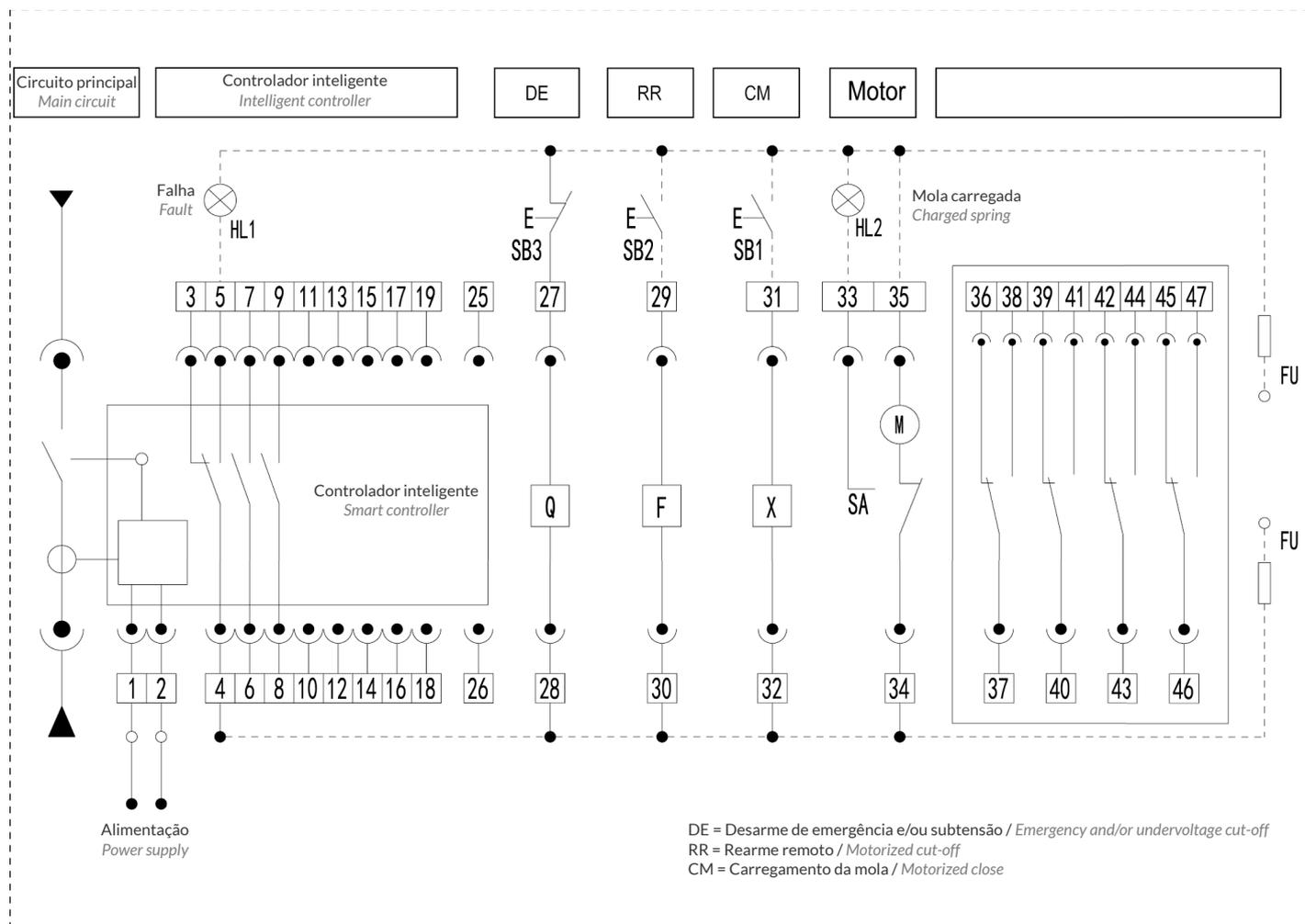
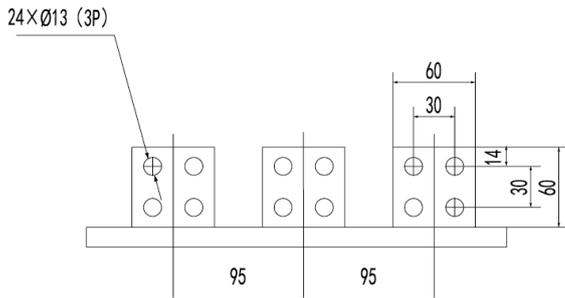
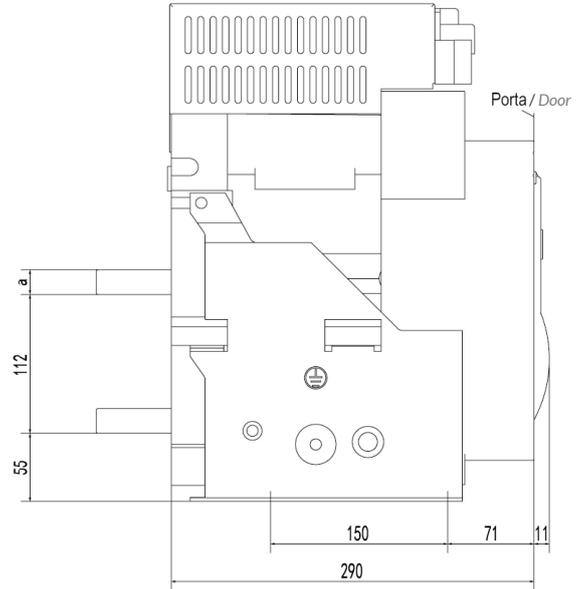
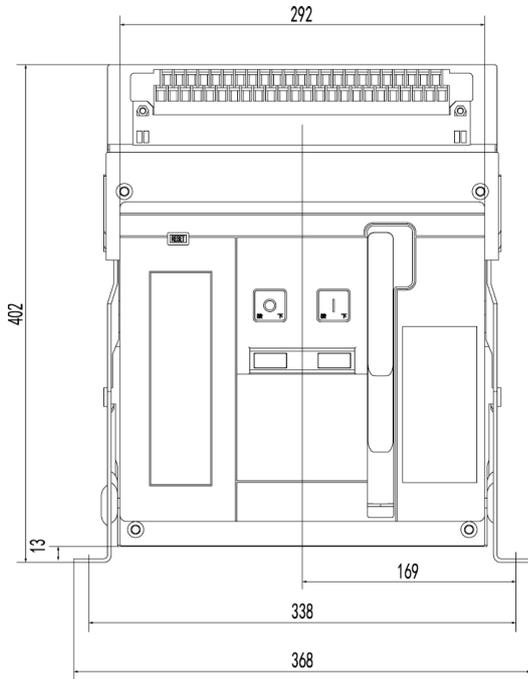


DIAGRAMA ELÉTRICO BÁSICO / BASIC ELECTRICAL DIAGRAM

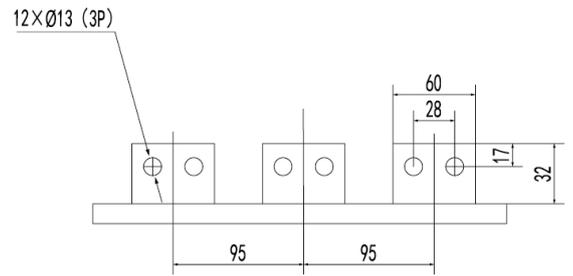


DIMENSÕES / DIMENSIONS (mm)

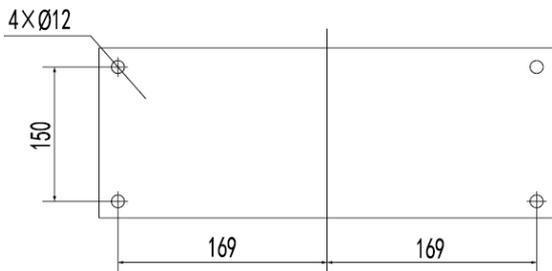
DKA25



Barramento longo / Long busbar



Barramento curto / Short busbar

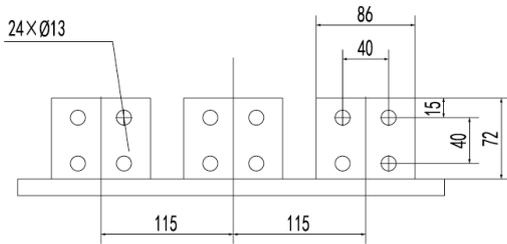
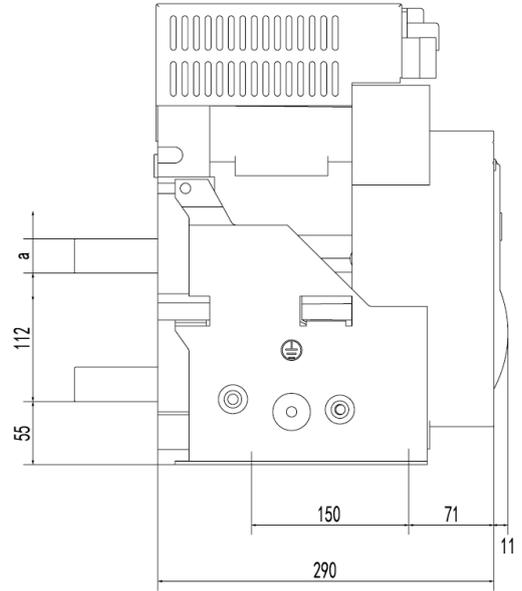
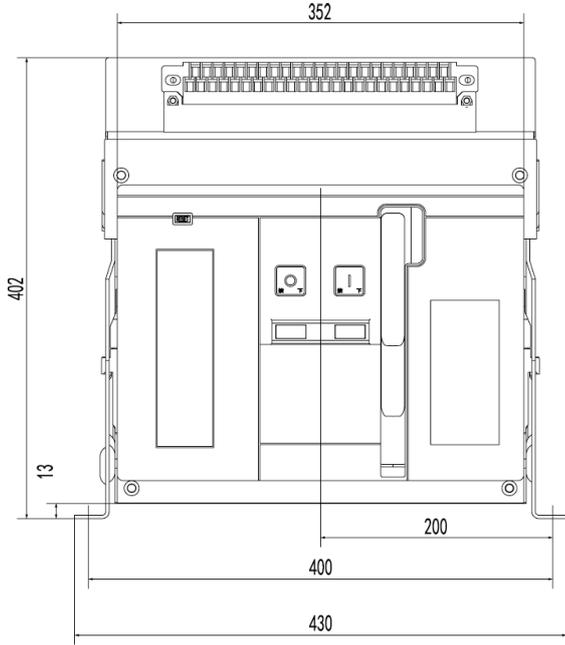


| Corrente nominal Corrente nominal (In) | a (mm) |
|---|--------|
| 630-800 | 10 |
| 1000-1600 | 15 |
| 2000-2500 | 20 |

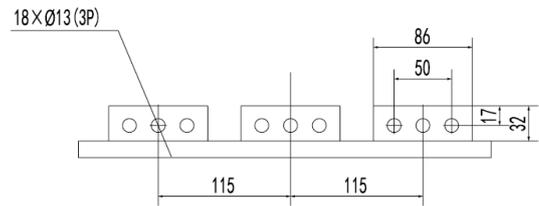
- Nota:
- In=630-2000 A é equipado com barramento curto.
 - In=2500 A é equipado com barramento longo.
- Note:
- In=630-2000 A is equipped with short busbar.
 - In=2500 A is equipped with long busbar.

DIMENSÕES / DIMENSIONS (mm)

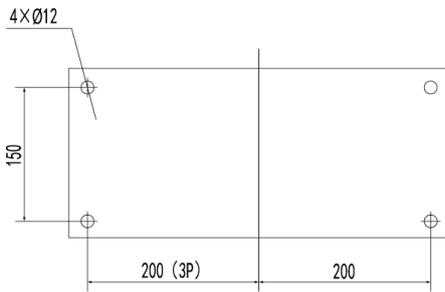
DKA40



Barramento longo / Long busbar



Barramento curto / Short busbar



| Corrente nominal Corrente nominal (In) | a (mm) |
|---|--------|
| 2500 | 20 |
| 2900-4000 | 30 |

Nota:

1. In=2500~3200 A é equipado com barramento curto.
2. In=3600~4000 A é equipado com barramento longo.

Note:

1. In=2500-3200 A, is equipped with short busbar.
2. In=3600-4000 A is equipped with long busbar.