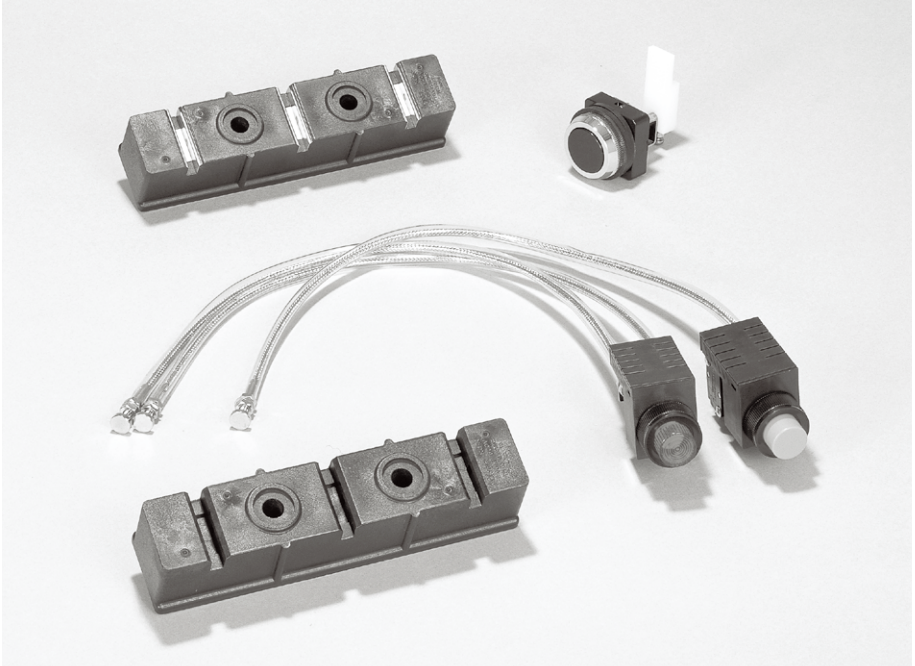


# PRODUCTS RELATED TO CONTROL CENTER



TERMINAL  
BLOCK

A

CONNECTOR

B

CONTROL  
CENTER PARTS

C

TEST TERMINAL

D

PILOT LAMP &  
INDICATOR

E

SWITCH

F

ELECTRONIC  
DEVICES

G



PRODUCTS RELATED TO CONTROL CENTER

## KJ-K TYPE BUSBAR KEEPER

### FEATURES

- This product supports busbar and keeps insulation.
- High-performance engineering plastic [modified PPE resin (G20%)] with high heat resistance is used. This material is lightweight and has excellent mechanical strength. This busbar keeper can be applied to 4mm and 5mm busbar with the attachments as well as 6mm.

### HOW TO ORDER

**KJ-K606**  
Basic type

Busbar thickness

Code	Application
6	for 6mm
5	for 5mm
4	for 4mm

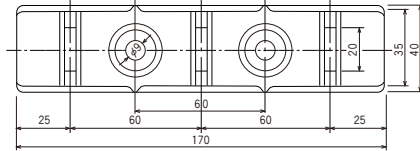
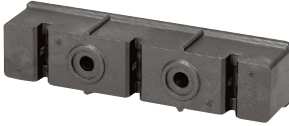


PRODUCTS RELATED TO CONTROL CENTER

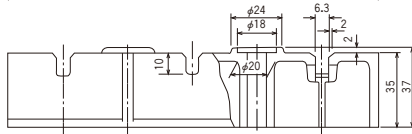
# KJ-K TYPE

## STANDARD PRODUCTS

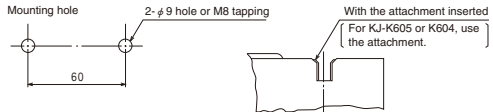
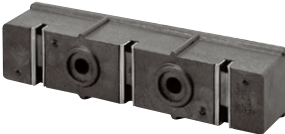
### KJ-K606 (Busbar thickness: 6mm)



### KJ-K605 (Busbar thickness: 5mm)



### KJ-K604 (Busbar thickness: 4mm)

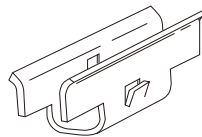


## ACCESSORIES

### Attachment

KJ-K4 attachment : for KJ-K604

KJ-K5 attachment : for KJ-K605



### Relation between short-circuit current and proper installation span (busbar keeper)

As mentioned earlier (C14), the electromagnetic repulsion and attracting force due to short-circuit current between A and B in the right figure is expressed by the following equation. To determine the safe and proper installation span  $l$  from the relation between this equation and the mechanical strength of the keeper, see the table below:

$$f = \frac{2}{9.81} \times i^2 \times \frac{l}{rk} \times 10^{-7} \text{ kg}$$

$i$  = Crest value of short-circuit current

$k$  = Constant between 0.8 and 1.0 depending on shape and layout  
(Assume a safer value for  $l$ )

$f$  = 800 kg based on breakdown test data and safety factor

$r$  = 60mm

r.m.s. value for short-circuit current	Proper span $l$ (max.)
50kA	150mm
40kA	230mm
30kA	420mm

Note: The above table disregards the strength of the bus itself.

