# ALPHA 160 - DIN Wall-Mounted Distribution Boards

**Reach your goal faster.**

If the space provided by a small distribution board for configuration or wiring is no longer sufficient, we have the alternative: with its extra-flat design and installation depth of 140 mm, the ALPHA 160 DIN wall-mounted distribution board enhances our range of distribution boards.
A big advantage here is that the distribution boards and components have a modular structure.

# ALPHA 160 - DIN Wall-Mounted Distribution Boards



Which means that a wide range of project-related installation and configuration options are available with just a few standard components. Its transparent structure simplifies planning, configuration, calculation, ordering and mounting.

The modular structure is supported by quick-assembly kits, keyhole-fastened components and quick-acting locks. It couldn't be easier!

# ALPHA 160 - DIN Wall-Mounted Distribution Boards
## General Data

### Overview

**System**

The modular design of our new Siemens distribution board system is based on our long-term experience in the sector of distribution boards.

With this system, we have placed a special focus on our customers' individual distribution board preferences.

The system comprises unequipped distribution boards, partially equipped distribution boards with cabinet-high quick-assembly kits, cabinet-high quick-assembly kits for modular installation devices for especially fast board equipping and wiring, assembly kits for project-related and individual assembly as well as an extensive range of accessories.

**Enclosures**

Material:
Electrogalvanized and powder-coated sheet steel.

Sheet thickness:
corpus 0.75 mm, door 1 mm

Color:
RAL 9016 (traffic white).
Further RAL colors are available upon request.

**Quick-assembly kits and assembly kits**

The assembly kits are made of sendzimir-galvanized sheet steel and are equipped with molded-plastic covers for a wide range of equipping options, e.g., with switching devices and modular installation devices.

The largest switching devices mountable with the ALPHA 160 - DIN wall-mounted distribution boards are the 3NP40 10 and 3NP40 70 fuse switch disconnectors of size LV HRC 000 and LV HRC 00 with a rated current of up to 160 A.

**Cabinet dimensions**

All dimensions are stated in mm.

Height (internal/external):
450/500, 600/650, 750/800, 900/950, 1050/1100

Width (internal/external):
250/300, 500/550, 750/800, 1000/1050

Depth (external): 140

Assembly kits in panel-size grid dimensions
height x width: 150 x 250

### Benefits

- Easy planning thanks to modular design
- Ample wiring space behind the standard mounting rail
- Comprehensive range of cabinet-high and frequently applied quick-assembly kits and assembly kits for individual and project-related assembly
- Eased assembly thanks to keyhole-fastened components and modules with quick-acting locks
- Short mounting times thanks to quick-assembly kits
- System design acc. to DIN, EN and VDE regulations
- Robust sheet steel enclosure
- Degree of protection:
  Surface mounting design:
  IP43 with door;
  Flush mounting design:
  IP31 with door and integrated masking frame
- Safety class 2 (total insulation)
- High-quality surface finish: cabinets made of electrogalvanized and powder-coated sheet steel, system components made of sendzimir-galvanized sheet steel, galvanized and transparently chromated small components and screws
- Doors can be hinged on the right or left
- Door opening angle of 170°
- Replaceable locking systems (accessories)
- Transparent doors in Giugiaro design (accessories)
- Panel cover with sealable 90° quick-release locks
- Environmentally-compatible and recyclable plastics.

### Application

ALPHA 160 - DIN wall-mounted distribution boards are used for all applications for which a small distribution board does not provide sufficient equipping or wiring space, e.g. in residential, administrative, non-residential, commercial and industrial buildings.

With its extremely flat design (depth of 140 mm), it ideally supplements the Siemens distribution board product ranges.

The distribution board and its components are modularly constructed.

With just a few standard components, a wide range of project-related mounting and equipping options can be realized.

The ALPHA 160 - DIN wall-mounted distribution board range comprises wall-mounted cabinets with up to 7 modular installation devices with 12 MW per mounting width (250 mm) each. The standard mounting rail tier spacing is 125 mm or 150 mm. A total of 4 cabinet mounting widths are available, each with an internal dimension of 250 mm.

The cabinets can be supplied in safety class 2 (total insulation). The standard degree of protection for flush-mounting distribution boards is IP43. The standard degree of protection for surface-mounting distribution boards is IP31. The rated current is 160 A.

The boards' modular design facilitates easy planning, configuration, calculation, ordering and mounting.

Cabinet-high quick-assembly kits or assembly kits which only require a one-size screwdriver for assembly are available for all mountable switching devices and modular installation devices.

# ALPHA 160 - DIN Wall-Mounted Distribution Boards
## General Data

**Technical specifications**

| | | |
|---|---|---|
| **Overvoltage category** | | III |
| **Rated impulse withstand voltage $U_{imp}$** | kV | 6 |
| **Clearance and creepage distances** | | DIN VDE 0110 |
| **Rated insulation voltage $U_i$** | V | 690 |
| **Rated operational voltage $U_e$** | V AC/DC | 690 |
| **Rated voltage $U_n$ (40 Hz to 60 Hz AC)** | V | 690 for built-in devices |
| **Rated current** | A | up to 160 |
| **Protective measures** | | Safety class 2 (total insulation) |
| **Degree of protection acc. to EN 60529** | | Surface mounting design: IP43 with door<br>Flush mounting design: IP31 with door and integrated masking frame |
| **Mounting rail tier spacing per standard mounting rail tier** | mm | 125/150 |
| **Modular width (MW)** | | 18 mm, 12 MW + 1 mountable MW |
| **Degree of pollution** | | 3 |
| **Ambient temperature** | °C | 35 (24-h average value) |
| **Relative air humidity** | % | 50 at 40 °C |
| **Test specifications** | | Acc. to EN 60439-1/3 (VDE 0660 Part 500/504), DIN VDE 0603-1 |
| **Enclosures** | | Sheet steel |
| **Mounting dimensions** | | DIN 43870 |
| **Surface** | | Electrogalvanized and powder-coated |
| **Color** | Enclosure[1] | RAL 9016 (traffic white) |
| | Covers | RAL 7035 (light gray) |
| **Locking system** | | Rotary handle which may be replaced by other locking systems upon request |
| **Packing material** | | Shock-proof, environmentally-compatible |

**Dimensions of cabinets and wall recessed boxes**

| Surface-mounting distribution boards (external dimensions) Depth 140 mm | | Flush-mounting distribution boards with integrated masking frame (external dimensions) Depth 140 mm | | Recess dimensions for wall recessed boxes Depth 145 mm | |
|---|---|---|---|---|---|
| **Height** | Width | Height | Width | Height | Width |
| **mm** | mm | mm | mm | mm | mm |
| **500** | 300<br>550<br>800 | 558 | 358<br>608<br>858 | 560 | 360<br>610<br>860 |
| **650** | 300<br>550<br>800<br>1050 | 708 | 358<br>608<br>858<br>1108 | 710 | 360<br>610<br>860<br>1110 |
| **800** | 300<br>550<br>800<br>1050 | 858 | 358<br>608<br>858<br>1108 | 860 | 360<br>610<br>860<br>1110 |
| **950** | 300<br>550<br>800<br>1050 | 1008 | 358<br>608<br>858<br>1108 | 1010 | 360<br>610<br>860<br>1110 |
| **1100** | 300<br>550<br>800<br>1050 | 1158 | 358<br>608<br>858<br>1108 | 1160 | 360<br>610<br>860<br>1110 |

1) Further RAL colors are available upon request.

# ALPHA 160 - DIN Wall-Mounted Distribution Boards
## Partially Equipped Distribution Boards

**8GK1 surface- and flush-mounting distribution boards with quick-assembly kits**

### Overview

- Cabinet depth: 140 mm
- Safety class 2 (total insulation)
- Tier spacing of 125 mm with N/PE bar per panel width
- Color: RAL 9016 (traffic white)
- Surface-mounting distribution board: Degree of protection IP43
- Flush-mounting distribution boards with masking frame: Degree of protection IP31

- Enclosure complete with door [1] and rotary handle which can be replaced by other locking systems
- Two 2-component flanges per panel width at the top and bottom

*Note:*

*With flush-mounting distribution boards, the wall anchors are included in the scope of delivery.*

### Selection and ordering data

| Cabinet (internal/external dimensions) | | | Rows/ MW | Surface-mounting distribution boards | | PS*/ P. unit | Flush-mounting distribution boards | | PS*/ P. unit |
|---|---|---|---|---|---|---|---|---|---|
| **Height mm** | Width mm | | | Order No. PG 039 | Price 1 item | Items | Order No. PG 039 | Price 1 item | Items |
| **For modular installation devices** | | | | | | | | | |
| **450/500** | 250/300 | | 3/36 | 8GK1 052-1KK11 | | 1 | 8GK1 051-1KK11 | | 1 |
| | 500/550 | | 6/72 | 8GK1 052-1KK21 | | 1 | 8GK1 051-1KK21 | | 1 |
| | 750/800 | | 9/108 | 8GK1 052-1KK31 | | 1 | 8GK1 051-1KK31 | | 1 |
| **600/650** | 250/300 | | 4/48 | 8GK1 052-2KK11 | | 1 | 8GK1 051-2KK11 | | 1 |
| | 500/550 | | 8/96 | 8GK1 052-2KK21 | | 1 | 8GK1 051-2KK21 | | 1 |
| | 750/800 | | 12/144 | 8GK1 052-2KK31 | | 1 | 8GK1 051-2KK31 | | 1 |
| | 1000/1050 | | 16/192 | 8GK1 052-2KK41 | | 1 | 8GK1 051-2KK41 | | 1 |
| **750/800** | 250/300 | | 5/60 | 8GK1 052-3KK11 | | 1 | 8GK1 051-3KK11 | | 1 |
| | 500/550 | | 10/120 | 8GK1 052-3KK21 | | 1 | 8GK1 051-3KK21 | | 1 |
| | 750/800 | | 15/180 | 8GK1 052-3KK31 | | 1 | 8GK1 051-3KK31 | | 1 |
| | 1000/1050 | | 20/240 | 8GK1 052-3KK41 | | 1 | 8GK1 051-3KK41 | | 1 |
| **900/950** | 250/300 | | 6/72 | 8GK1 052-4KK11 | | 1 | 8GK1 051-4KK11 | | 1 |
| | 500/550 | | 12/144 | 8GK1 052-4KK21 | | 1 | 8GK1 051-4KK21 | | 1 |
| | 750/800 | | 18/216 | 8GK1 052-4KK31 | | 1 | 8GK1 051-4KK31 | | 1 |
| | 1000/1050 | | 24/288 | 8GK1 052-4KK41 | | 1 | 8GK1 051-4KK41 | | 1 |
| **1050/1100** | 250/300 | | 7/84 | 8GK1 052-5KK11 | | 1 | 8GK1 051-5KK11 | | 1 |
| | 500/550 | | 14/168 | 8GK1 052-5KK21 | | 1 | 8GK1 051-5KK21 | | 1 |
| | 750/800 | | 21/252 | 8GK1 052-5KK31 | | 1 | 8GK1 051-5KK31 | | 1 |
| | 1000/1050 | | 28/336 | 8GK1 052-5KK41 | | 1 | 8GK1 051-5KK41 | | 1 |

1) Cabinets with a width of 750 mm/800 mm or more will be delivered with a double door.

\* You can order this quantity or a multiple thereof.

**8GK1 surface- and flush-mounting distribution boards**

2

## Overview

- Cabinet depth: 140 mm
- Safety class 2 (total insulation)
- Color: RAL 9016 (traffic white)
- Surface-mounting distribution board: Degree of protection IP43
- Flush-mounting distribution board with integrated masking frame: Degree of protection IP31
- Enclosure with door [1] and rotary handle which can be replaced by other locking systems

- Two 2-component flanges per panel width at the top and bottom

*Note:*

*With flush-mounting distribution boards, the wall anchors are included in the scope of delivery.*

## Selection and ordering data

| Cabinet (internal/external dimensions) | | | Surface-mounting distribution boards | | PS*/ P. unit | Flush-mounting distribution boards | | PS*/ P. unit |
|---|---|---|---|---|---|---|---|---|
| Height mm | Width mm | | Order No. | Price | P. unit | Order No. | Price | P. unit |
| | | | PG 039 | 1 item | Items | PG 039 | 1 item | Items |
| 450/500 | 250/300 | | 8GK1 032-1KK11 | | 1 | 8GK1 031-1KK11 | | 1 |
| | 500/550 | | 8GK1 032-1KK21 | | 1 | 8GK1 031-1KK21 | | 1 |
| | 750/800 | | 8GK1 032-1KK31 | | 1 | 8GK1 031-1KK31 | | 1 |
| 600/650 | 250/300 | | 8GK1 032-2KK11 | | 1 | 8GK1 031-2KK11 | | 1 |
| | 500/550 | | 8GK1 032-2KK21 | | 1 | 8GK1 031-2KK21 | | 1 |
| | 750/800 | | 8GK1 032-2KK31 | | 1 | 8GK1 031-2KK31 | | 1 |
| | 1000/1050 | | 8GK1 032-2KK41 | | 1 | 8GK1 031-2KK41 | | 1 |
| 750/800 | 250/300 | | 8GK1 032-3KK11 | | 1 | 8GK1 031-3KK11 | | 1 |
| | 500/550 | | 8GK1 032-3KK21 | | 1 | 8GK1 031-3KK21 | | 1 |
| | 750/800 | | 8GK1 032-3KK31 | | 1 | 8GK1 031-3KK31 | | 1 |
| | 1000/1050 | | 8GK1 032-3KK41 | | 1 | 8GK1 031-3KK41 | | 1 |
| 900/950 | 250/300 | | 8GK1 032-4KK11 | | 1 | 8GK1 031-4KK11 | | 1 |
| | 500/550 | | 8GK1 032-4KK21 | | 1 | 8GK1 031-4KK21 | | 1 |
| | 750/800 | | 8GK1 032-4KK31 | | 1 | 8GK1 031-4KK31 | | 1 |
| | 1000/1050 | | 8GK1 032-4KK41 | | 1 | 8GK1 031-4KK41 | | 1 |
| 1050/1100 | 250/300 | | 8GK1 032-5KK11 | | 1 | 8GK1 031-5KK11 | | 1 |
| | 500/550 | | 8GK1 032-5KK21 | | 1 | 8GK1 031-5KK21 | | 1 |
| | 750/800 | | 8GK1 032-5KK31 | | 1 | 8GK1 031-5KK31 | | 1 |
| | 1000/1050 | | 8GK1 032-5KK41 | | 1 | 8GK1 031-5KK41 | | 1 |

1) Cabinets with a width of 750 mm/800 mm or more will be delivered with a double door.

* You can order this quantity or a multiple thereof.

**8GK4 quick-assembly kits
for modular installation devices**

■ **Overview**

- Quick-assembly kits are pre-assembled, cabinet-high system components for the most common application requirements. Such kits already include the longitudinal stays and can be snapped into the unequipped distribution boards of the respective mounting height

■ **Selection and ordering data**

| Quick-assembly kits (external dimensions) | | | Rows/ MW | 125 mm tier spacing, with N/PE bar | | PS*/ P. unit | 150 mm tier spacing, without N/PE bar | | PS*/ P. unit |
|---|---|---|---|---|---|---|---|---|---|
| **Height** | Width | | | Order No. | Price | | Order No. | Price | |
| **mm** | mm | | | PG 039 | 1 item | Items | PG 039 | 1 item | Items |
| **450** | 250 | | 3/36 | **8GK4 001-3KK11** | | 1 | **8GK4 051-3KK11** | | 1 |
| **600** | 250 | | 4/48 | **8GK4 001-4KK11** | | 1 | **8GK4 051-4KK11** | | 1 |
| **750** | 250 | | 5/60 | **8GK4 001-5KK11** | | 1 | **8GK4 051-5KK11** | | 1 |
| **900** | 250 | | 6/72 | **8GK4 001-6KK11** | | 1 | **8GK4 051-6KK11** | | 1 |
| **1050** | 250 | | 7/84 | **8GK4 001-7KK11** | | 1 | **8GK4 051-7KK11** | | 1 |

The quick-assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. For accessories, please refer to page 2/16.

**\* You can order this quantity or a multiple thereof.**

**Selection and ordering data**

| Height | | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|
| mm | | PG 039 | 1 set | Sets |
| 2 longitudinal stays (1 set = 2 items) per assembly kit are required for mounting the assembly kits into the unequipped distribution boards | | | | |
| **450** | | **8GK4 851-3KK00** | | 1 set |
| **600** | | **8GK4 851-4KK00** | | 1 set |
| **750** | | **8GK4 851-5KK00** | | 1 set |
| **900** | | **8GK4 851-6KK00** | | 1 set |
| **1050** | | **8GK4 851-7KK00** | | 1 set |

**\* You can order this quantity or a multiple thereof.**

**8GK4 assembly kits
for modular installation devices**

### Overview

- Assembly kits for individual and project-related assembly, comprising: equipment racks, front cover for unequipped panels including supports, screws and mounting accessories
- Assembly kit dimensions (in mm):
  height: 150, 300, 450, 600
  width: 250, 500
  panel-size grid dimensions H × W: 150 × 250

- The front cover for unequipped panels is sealable as a standard and facilitates a fast and reliable fixation to the supports thanks to its quick-acting locking technique

*Note:*

*For mounting the assembly kits into the unequipped distribution boards, 2 longitudinal stays per assembly kit are required. These longitudinal stays must be ordered separately (see page 2/9).*

### Selection and ordering data

| Assembly kits (external dimensions) | | | Rows/ MW | 125 mm tier spacing, without N/PE bar | | PS*/ P. unit | 150 mm tier spacing, without N/PE bar | | PS*/ P. unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Order No. | Price | | Order No. | Price | |
| Height mm | Width mm | | | PG 039 | 1 item | Items | PG 039 | 1 item | Items |
| 150 | 250 | | 1/12 | – | | | 8GK4 351-1KK11 | | 1 |
| | 500 | | 1/24 | – | | | 8GK4 351-1KK21 | | 1 |
| 300 | 250 | | 2/24 | 8GK4 301-2KK11 | | 1 | 8GK4 351-2KK11 | | 1 |
| | 500 | | 2/48 | 8GK4 301-2KK21 | | 1 | 8GK4 351-2KK21 | | 1 |
| 450 | 250 | | 3/36 | 8GK4 301-3KK11 | | 1 | 8GK4 351-3KK11 | | 1 |
| | 500 | | 3/72 | 8GK4 301-3KK21 | | 1 | 8GK4 351-3KK21 | | 1 |
| 600 | 250 | | 4/48 | 8GK4 301-4KK11 | | 1 | 8GK4 351-4KK11 | | 1 |
| | 500 | | 4/96 | 8GK4 301-4KK21 | | 1 | 8GK4 351-4KK21 | | 1 |

The assembly kits with a width of 250 mm are equipped with
7.5 mm standard mounting rails.
The assembly kits with a width of 500 mm are equipped with
15 mm standard mounting rails.
For accessories, please refer to page 2/16.

**\* You can order this quantity or a multiple thereof.**

PDF created with pdfFactory Pro trial version www.pdffactory.com

## Overview

- Assembly kits for individual and project-related assembly, comprising: equipment racks, front cover for unequipped panels including supports, screws and mounting accessories
- Assembly kit dimensions (in mm):
  height: 150, 300
  width: 250, 500
  panel-size grid dimensions H × W: 150 × 250

- The front cover for unequipped panels is sealable as a standard and facilitates a fast and reliable fixation to the supports thanks to its quick-acting locking technique

*Note:*

*For mounting the assembly kits into the unequipped distribution boards, 2 longitudinal stays per assembly kit are required. These longitudinal stays must be ordered separately (see page 2/9).*

## Selection and ordering data

| Assembly kits (external dimensions) | | | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|
| Height | Width | | | | |
| mm | mm | | PG 039 | 1 item | Items |
| **for horizontal terminal blocks** | | | | | |
| Terminal blocks of staged and insulated design with closed front cover for unequipped panels | | | | | |
| 150 | 250 | | **8GK4 401-1KK11** | | 1 |
| | 500 | | **8GK4 401-1KK21** | | 1 |
| 300 | 250 | | **8GK4 401-2KK11** | | 1 |
| | 500 | | **8GK4 401-2KK21** | | 1 |

**\* You can order this quantity or a multiple thereof.**

**8GK4 assembly kits
with mounting plates**

### Overview

- Assembly kits for individual and project-related assembly, comprising: mounting plate, front cover for unequipped panels including supports, screws and mounting accessories
- Assembly kit dimensions (in mm):
  height: 300, 450, 600
  width: 250
  panel-size grid dimensions H × W: 150 × 250

- The front cover for unequipped panels is sealable as a standard and facilitates a fast and reliable fixation to the supports thanks to its quick-acting locking technique

*Note:*

*For mounting the assembly kits into the unequipped distribution boards, 2 longitudinal stays per assembly kit are required. These longitudinal stays must be ordered separately (see page 2/9).*

### Selection and ordering data

| Assembly kits (external dimensions) | | | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|
| Height | Width | | | | |
| mm | mm | | PG 039 | 1 item | Items |
| **with mounting plates** | | | | | |
| with closed front cover | | | | | |
| 300 | 250 |  | **8GK4 451-2KK11** | | 1 |
| 450 | 250 |  | **8GK4 451-3KK11** | | 1 |
| 600 | 250 |  | **8GK4 451-4KK11** | | 1 |

For accessories, please refer to page 2/16.

**\* You can order this quantity or a multiple thereof.**

PDF created with pdfFactory Pro trial version www.pdffactory.com

**8GK4 assembly kits
for unequipped panels**

## Overview

- Assembly kits for individual and project-related assembly, comprising: front cover for unequipped panels including supports, screws and mounting accessories
- Assembly kit dimensions (in mm):
  height: 150, 300, 450, 600
  width: 250, 500
  panel-size grid dimensions H × W: 150 × 250

- The front cover for unequipped panels is sealable as a standard and facilitates a fast and reliable fixation to the supports thanks to its quick-acting locking technique

*Note:*

*For mounting the assembly kits into the unequipped distribution boards, 2 longitudinal stays per assembly kit are required. These longitudinal stays must be ordered separately (see page 2/9).*

## Selection and ordering data

| Assembly kits (external dimensions) | | | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|
| Height | Width | | | | |
| mm | mm | | PG 039 | 1 item | Items |
| 150 | 250 | | **8GK4 501-1KK11** | | 1 |
| | 500 | | **8GK4 501-1KK21** | | 1 |
| 300 | 250 | | **8GK4 501-2KK11** | | 1 |
| | 500 | | **8GK4 501-2KK21** | | 1 |
| 450 | 250 | | **8GK4 501-3KK11** | | 1 |
| | 500 | | **8GK4 501-3KK21** | | 1 |
| 600 | 250 | | **8GK4 501-4KK11** | | 1 |
| | 500 | | **8GK4 501-4KK21** | | 1 |

For accessories, please refer to page 2/16.

**\* You can order this quantity or a multiple thereof.**

**8GK4 assembly kits**
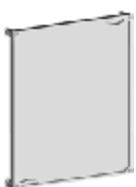**for 3NP40 fuse switch disconnectors**

### Overview

- Assembly kits for individual and project-related assembly, comprising: support plate, front cover for unequipped panels including supports, screws and mounting accessories
- Assembly kit dimensions (in mm):
  height: 300
  width: 250
  panel-size grid dimensions H × W: 150 × 250

- The front cover for unequipped panels is sealable as a standard and facilitates a fast and reliable fixation to the supports thanks to its quick-acting locking technique

*Note:*
*For mounting the assembly kits into the unequipped distribution boards, 2 longitudinal stays per assembly kit are required. These longitudinal stays must be ordered separately (see page 2/9).*

### Selection and ordering data

| Assembly kits (external dimensions) | | | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|
| Height | Width | | | | |
| mm | mm | | PG 039 | 1 item | Items |
| up to 160 A, fixing plate with matching cover and plastic cover | | | | | |
| for LV HRC fuse links of size 000 | | | | | |
| 300 | 250 | 1 × 3NP40 10 | **8GK4 551-2KK11** | | 1 |
| | | 2 × 3NP40 10 | **8GK4 552-2KK11** | | 1 |
| for LV HRC fuse links of size 00 | | | | | |
| 300 | 250 | 1 × 3NP40 70 | **8GK4 554-2KK11** | | 1 |
| | | 2 × 3NP40 70 | **8GK4 555-2KK11** | | 1 |

For accessories, please refer to page 2/16.
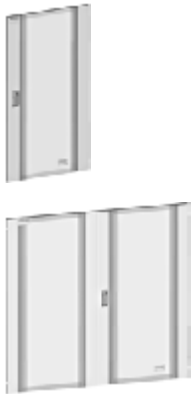
**\* You can order this quantity or a multiple thereof.**

■ **Selection and ordering data**

| | Cabinet (external dimensions) | | Length | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|---|
| | **Height** | Width | | | | |
| | **mm** | mm | mm | PG 039 | 1 item | Items |
| | **Transparent doors (Giugiaro design) for surface-mounting distribution boards [1]** | | | | | |
| | Color: RAL 9016; degree of protection: IP43. The standard sheet-steel doors can be replaced by these doors. For cabinets with a width of 800 mm or more, the transparent doors will be delivered as a double door. | | | | | |
| | **500** | 300 | | **8GK9 501-3KK10** | | 1 |
| | | 550 | | **8GK9 501-3KK20** | | 1 |
| | | 800 | | **8GK9 501-3KK30** | | 1 |
| | **650** | 300 | | **8GK9 501-4KK10** | | 1 |
| | | 550 | | **8GK9 501-4KK20** | | 1 |
| | | 800 | | **8GK9 501-4KK30** | | 1 |
| | | 1050 | | **8GK9 501-4KK40** | | 1 |
| | **800** | 300 | | **8GK9 501-5KK10** | | 1 |
| | | 550 | | **8GK9 501-5KK20** | | 1 |
| | | 800 | | **8GK9 501-5KK30** | | 1 |
| | | 1050 | | **8GK9 501-5KK40** | | 1 |
| | **950** | 300 | | **8GK9 501-6KK10** | | 1 |
| | | 550 | | **8GK9 501-6KK20** | | 1 |
| | | 800 | | **8GK9 501-6KK30** | | 1 |
| | | 1050 | | **8GK9 501-6KK40** | | 1 |
| | **1100** | 300 | | **8GK9 501-7KK10** | | 1 |
| | | 550 | | **8GK9 501-7KK20** | | 1 |
| | | 800 | | **8GK9 501-7KK30** | | 1 |
| | | 1050 | | **8GK9 501-7KK40** | | 1 |
| | **Wall mounting rails** | | | | | |
| | for all wall-mounted distribution boards The distribution board can be hung precisely in very little time by only one person. | | 250 | **8GK9 912-0KK10** | | 1 |
| | | | 500 | **8GK9 912-0KK20** | | 1 |
| | | | 750 | **8GK9 912-0KK30** | | 1 |
| | | | 1000 | **8GK9 912-0KK40** | | 1 |
| | | | 1250 | **8GK9 912-0KK50** | | 1 |
| | **Locking systems** 🆕 | | | | | |
| | **Standard locking device** made of plastic, black, with rotary handle for wall-mounted distribution board with degree of protection IP43 not retrofittable for other locking devices | | | **8GK9 560-0KK04** | | 1 |
| | **Retrofit kit** for standard locking device to degree of protection IP55 | | | **8GK9 560-0KK05** | | 1 set |
| | **Rotary handle locking device** for wall-mounted distribution boards with degree of protection IP43/IP55 with mounting option for a profile semicylinder (length 40 mm), suitable for E012 lock or Senat tumbler, black | | | **8GK9 560-0KK06** | | 1 |
| | **Profile semicylinder** with E012 lock and key | | | **8GK9 560-0KK07** | | 1 |
| | with Senat tumbler | | | **8GK9 560-0KK08** | | 1 |
| | with 3-mm pin as two-bit lock | | | **8GK9 560-0KK10** | | 1 |
| | **2-component flange (degree of protection: IP55)** for fast and proper wiring, comprising 44 possible knockouts, consisting of two elastic components | | | **8GK9 000-0KK02** | | 1 |
| | **Siemens nameplate** made of aluminum, self-adhesive, color: petrol | | | PG 042 **8GD9 084** | | 1 |

1) Transparent doors for flush-mounting distribution boards (RAL 9016), further degrees of protection and colors are available upon request.

**\* You can order this quantity or a multiple thereof.**

PDF created with pdfFactory Pro trial version www.pdffactory.com

**Quick-assembly kits and assembly kits**

■ **Selection and ordering data**

| | | Height | Width | Order No. | Price | PS*/ P. unit |
|---|---|---|---|---|---|---|
| | | mm | mm | PG 039 | 1 item | Items |
| | **Partitions** | | | | | |
| | for the optical and spatial separation of various potentials, made of plastic | vertical | | | | |
| | | 450 | | 8GK9 001-3KK01 | | 1 |
| | | 600 | | 8GK9 001-4KK01 | | 1 |
| | | 750 | | 8GK9 001-5KK01 | | 1 |
| | | 900 | | 8GK9 001-6KK01 | | 1 |
| | | 1050 | | 8GK9 001-7KK01 | | 1 |
| | | horizontal | 250 | 8GK9 002-0KK10 | | 1 |
| | **Support for front covers for unequipped panels** short design, made of plastic (1 set = 4 items) | | | 8GK9 910-0KK20 | | 1 set |
| | **N/PE bar** for mounting on longitudinal stays, with 2 × 29 clamping points, 16 mm$^2$, 250 mm long | | | 8GK9 910-0KK10 | | 1 |
| | **N/PE bar as plug-in terminal** 🆕 each with 6 screw connectors from 2.5 to 16 mm$^2$ and 21 plug-type connectors from 1.5 to 4 mm$^2$ for mounting on longitudinal stays inclined at 30 degrees | | | 8GK9 910-0KK11 | | 1 |
| | with 6 screw connectors from 2.5 to 16 mm$^2$ and 21 plug-type connectors from 1.5 to 4 mm$^2$ for the PE bar and an N bar each with 2 screw connectors from 2.5 to 16 mm$^2$ and each with 10 plug-type connectors from 1.5 to 4 mm$^2$ for mounting on longitudinal stays inclined at 30 degrees | | | 8GK9 910-0KK12 | | 1 |
| | **Blanking strips** color RAL 7035 (light gray) for 12 MW (1 MW = 18 mm) | | | 8GK9 910-0KK00 | | 1 |
| | Length 1 m, without pressure-relief joint to cut to length | | | 8GK9 910-0KK01 | | 1 |
| | **ALPHA assembly tool** 🆕 short and long model, with ergonomic handle for supports | | | 8GK9 910-0KK27 | | 1 |

**\* You can order this quantity or a multiple thereof.**

PDF created with pdfFactory Pro trial version www.pdffactory.com