



## **Recessed-/surface mounted distributor cabinets**

ELECTRIC SOLUTIONS

V0625



# Content / Introduction

## Content

### Introduction

Introduction	2
How do I make my selection?	3
Customised solutions	3

### Technical specifications surface mounted

Surface mounted cabinets	4
--------------------------	---

### Technical specifications recessed mounted

Recessed mounted cabinets type with mounting frame	5
Recessed mounted cabinets type with solid rubber enclosure	5

### Surface mounted distributors

Surface mounted distributors V2A	6-9
Surface mounted distributors sheet steel	10-11

### Recessed mounted box

Type with mounting frame	12-13
Type with solid rubber enclosure	14-15

## Introduction

Thanks to GIFAS recessed-/surface mounted distributor cabinets you have access to a product range which is fulfilling highest demands. GIFAS attaches great importance on robust and stable design.

In addition to our standard range we can also provide individual, customised solutions.

### Benefits of our system

- optically appealing and user-oriented solutions
- can also be used with closed doors
- low-maintenance
- replaces temporary installations

Recessed- and surface mounted distributor cabinets can also be configured with water, compressed air or audio/video outlets.

### Our services

- individual consultation
- proven product range
- lifetime availability of spare parts
- manufacturing from small to large series
- quote in combination with technical drawing (if required in 3D)

We only use high quality hard rubber distributor boxes and well proven components. This allows an impeccable, maintenance-free use for many years!



# Introduction

## How do I make my selection?

The following points are important for choosing the right recessed-/surface mounted distribution box:

### Location, use

Will the distributor be

- surface-mounted on a wall (facade)
  - Recessed mounted distributor cabinets
- flush-mounted in a recess in the wall
  - Surface mounted distributor cabinets
- mounted on a stand?

### Material selection

For outdoor applications, we recommend a housing in a rust-free A2 (1.4301) design. For protected applications, it is sufficient to have a housing made of sheet steel, which is dip coated and powder coated. For the food and made out of chemical industry, we also supply a V4A stainless steel housing (1.4435).

### Dimensions

Are maximum dimensions specified for the installation location or does the cut-out already exist? What installation depth is possible for recessed mounted cabinets?

### Configuration of electrical distributor

What power outlets are desired and with what protection? We show applications in this brochure which are often requested with those configurations.

### Feed, supply line

How, or from where does the connection come - from below (usual case, see examples), above or from the back? How large is the cable cross-section (number of cable glands)?

### Locking system

Depending on the dimensions of the housing, our power distribution boxes are equipped with 1 or 2 lock systems. A casement lock with a double bit key is used as a standard lock. This can be changed to meet your individual requests.

- three or four edge insert
- lock cylinder (KABA 5000 or your choice)
- handles made out of plastic or stainless steel – with or without security cylinder.

### Type of fastening

Surface mounted housings are mounted on the wall from the outside with fixing brackets - to prevent moisture from getting in. However, there also is the possibility of mounting the housing directly from the inside (be aware of loss of seal tightness).

### Options

1. Rain cover: The surface distributor can additionally be equipped with a rain cover.
2. Design for the food sector: For this purpose, housings with customized designs are used (stainless steel, IP protection, surface roughness, constructions, etc.).
3. Ventilation nozzle: If the distributor is exposed to intense sunlight, then side-mounted ventilation nozzles are recommended.
4. Cabinet heating: Recommended for extremely cold ambient temperatures.

## Customised solutions

### Housing stainless steel A4 (AISI 316L)

Delivery of various housings with standard dimensions or manufacturing of customer-specific dimensions.



### Housing with titled roof

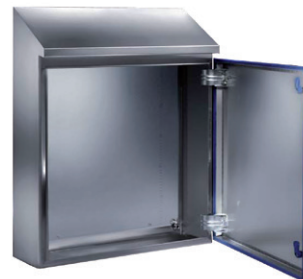
The design is intended to eliminate microbiological traps. This makes it an excellent solution for environments where hygiene requirements are strict.

Material: ground stainless steel A2 or A4



### Housing in hygienic design

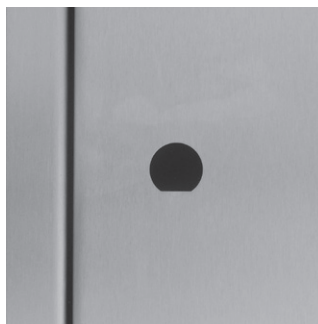
Housing in rust-free design A2, brush finished grain size 400, silicon seals, Lock inserts rust free, IP69 (IP69K as per DIN 40 050-9).





# Technical specifications surface mounted

## Surface mounted cabinets



### Exchangeable doors

The doors can be easily exchanged with surface mounted boxes. The banding can also be changed quickly and easily.

Material thicknesses	Housing	Doors
Surface mounted housing, sheet steel	1.38 mm	1.5 mm
Surface mounted housing, A2 rust-free	1.25 mm	1.5 mm

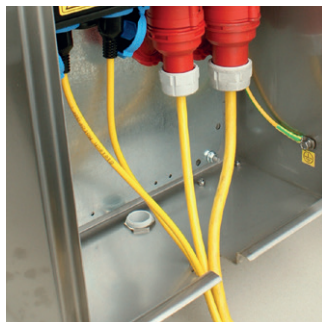
### Stable doors

The doors on the surface mounted boxes are edged and equipped with two mounting hole strips.

### Possible locking devices

Our doors can be equipped with:

- various lock inserts
- KABA lock cylinders
- T-handles with/without security cylinder insert
- plastic handles with/without security cylinder insert
- folding lever handle for large housings



### Cable outlet opening

Cable outlet openings are made project-specific depending on the number and cross-section of the cables.

### Wall-mounting brackets

Wall-mounting brackets will be attached to surface mounted boxes according to customer's request.

### Ventilation

If the surface mounted boxes are exposed to the sunlight, then ventilation valves are mounted on the side of the housing in order to minimise the formation of condensate.

### Hard rubber housing

- no formation of condensate
- ageing resistant
- shock resistant
- heat and cold resistant

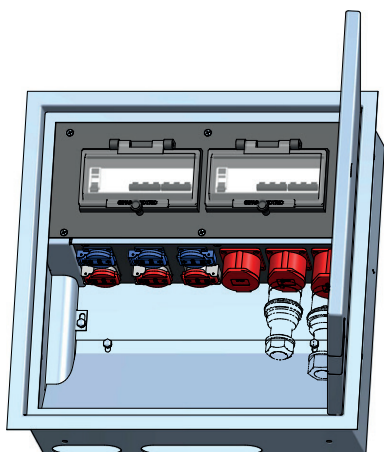


# Technical specifications recessed mounted

## Recessed mounted cabinets type with mounting frame

### Product characteristics

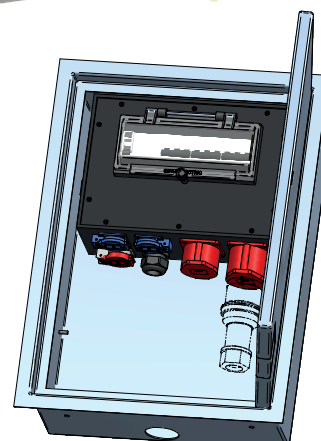
- stainless steel, grinded
- elegant cable outlet flap, lockable
- built-in equipment according to requirements
- feed-in cable covered
- doors can be closed when plugged-in
- slanted cover V2A inside/below
- power distribution box with PVC cover



## Recessed mounted cabinets type with solid rubber enclosure

### Product characteristics

- stainless steel, grinded
- elegant cable outlet flap, lockable
- built-in equipment according to requirements
- doors can be closed when plugged-in
- power distribution box made of hard rubber



### Doors

#### Material thicknesses

Recessed mounted housing

#### Housing

2 mm

#### Door

2 mm

#### Stable doors

The doors can be easily replaced and are mounted on robust hinges. In combination with the double-edged execution the doors are vandal-proof.

#### Doors / connections

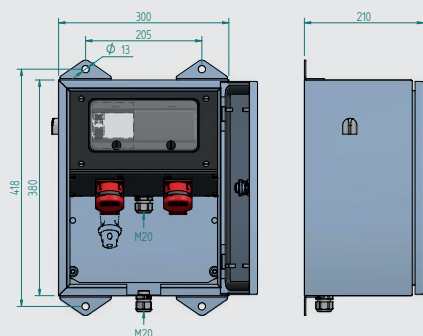
Our doors can be equipped with:

- Casement locks
- KABA lock cylinders
- T-handles with/without security cylinder insert

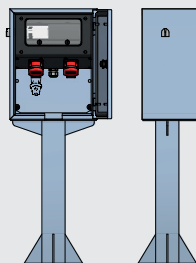


# Surface mounted distributors V2A

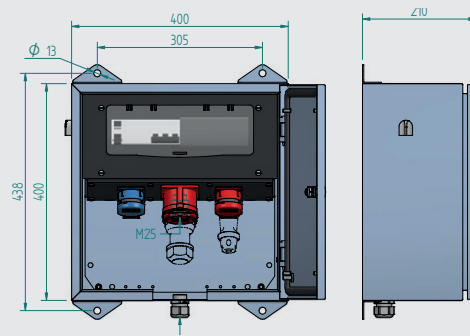
## Design V2A/mounted on stand V2A



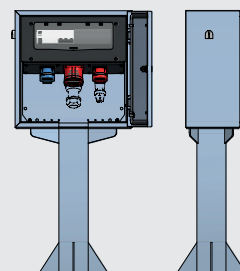
Item no.	229850
Output	2×T25
Input	1×SCG M20
Max. pre-fuse	16A
Housing material	Stainless steel V2A
Protection category	IP55
Dimensions	300×380×210mm
Door lock	Double-bit
Remarks	with vent



Item no.	229857	229858	229860	229861
Height of stand	500mm	600mm	700mm	800mm
Material stand	V2A	V2A	V2A	V2A



Item no.	229866
Output	1×T23 1×T25 1×CEE 16/5
Input	1×SCG M25
Max. pre-fuse	40A
Housing material	Stainless steel V2A
Protection category	IP44
Dimensions	400×400×210mm
Door lock	Double-bit
Remarks	with vent

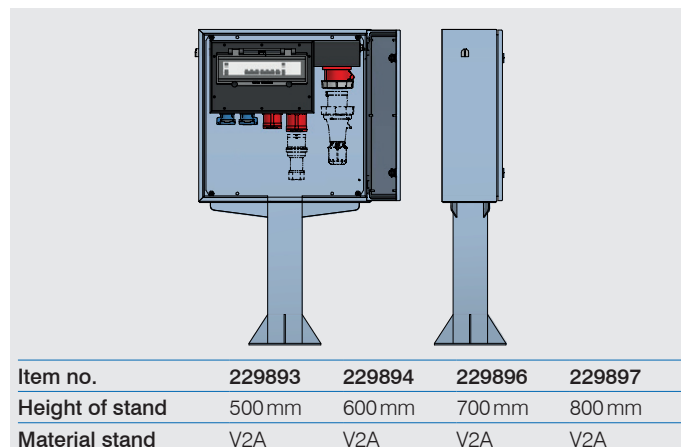
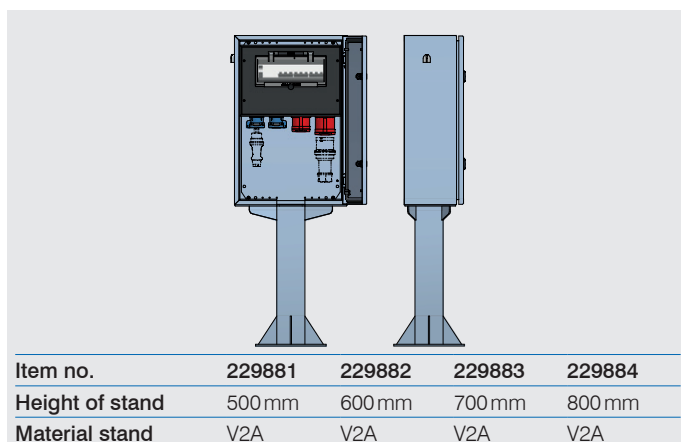
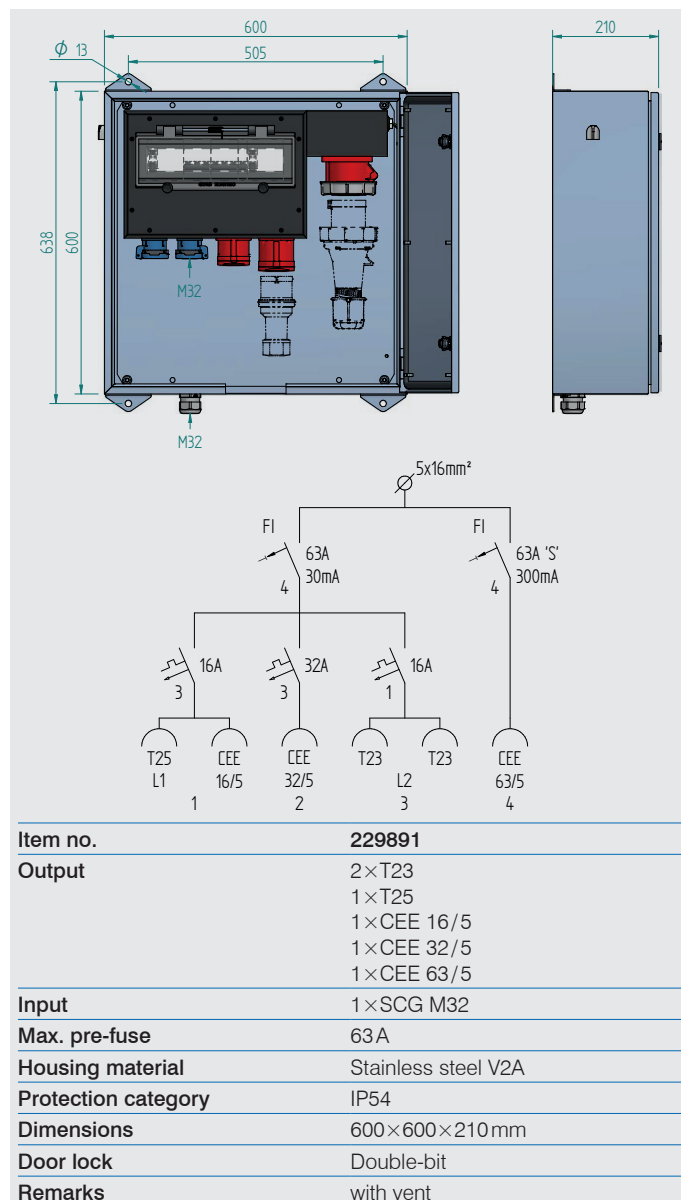
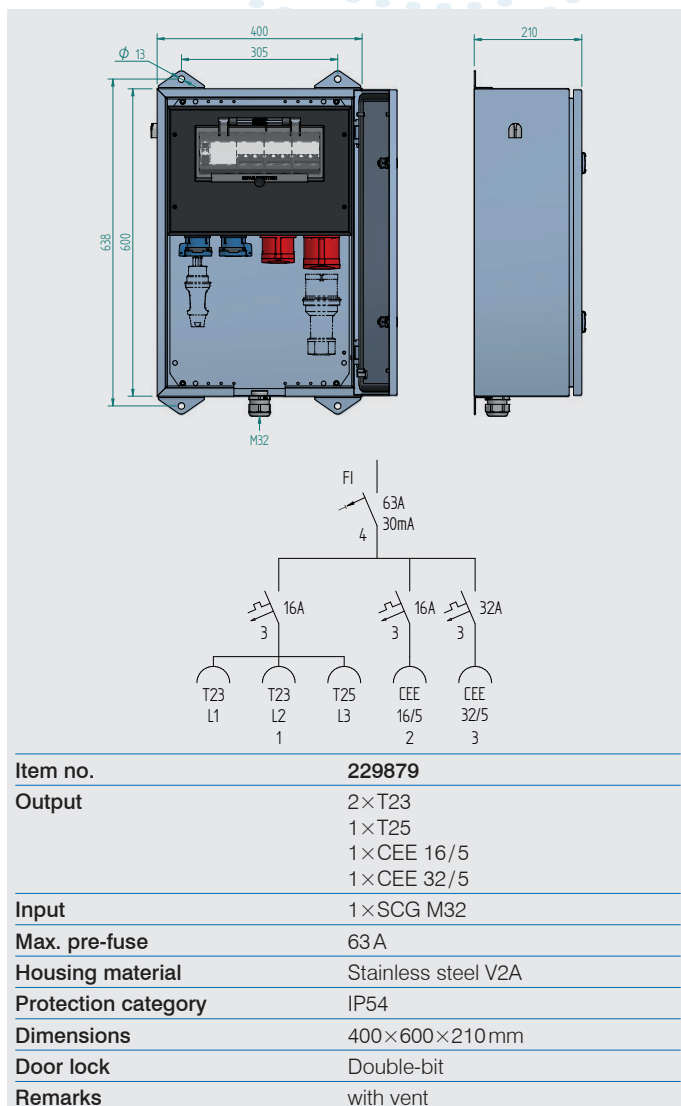


Item no.	229869	229870	229871	229872
Height of stand	500mm	600mm	700mm	800mm
Material stand	V2A	V2A	V2A	V2A



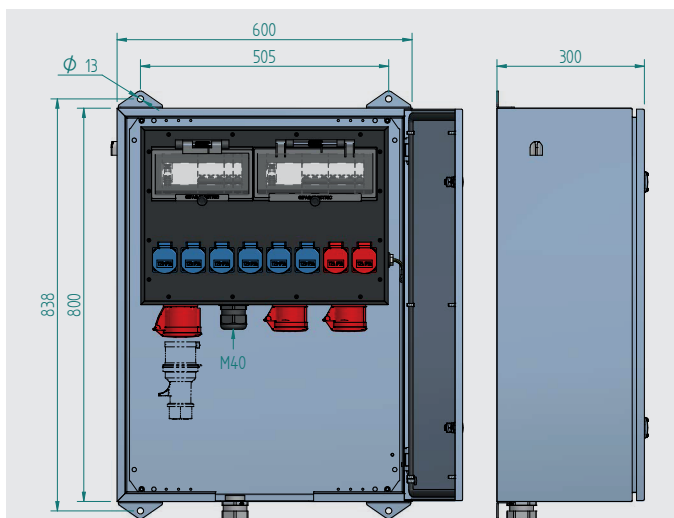
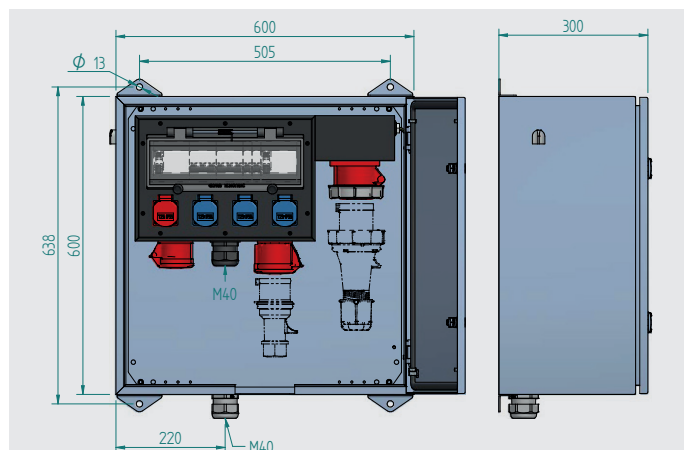
# Surface mounted distributors V2A

## Design V2A/mounted on stand V2A



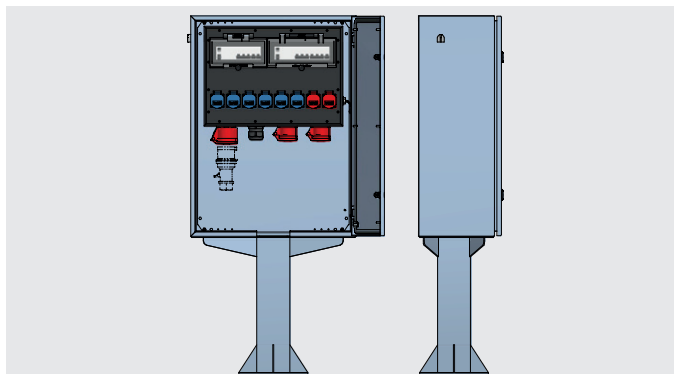
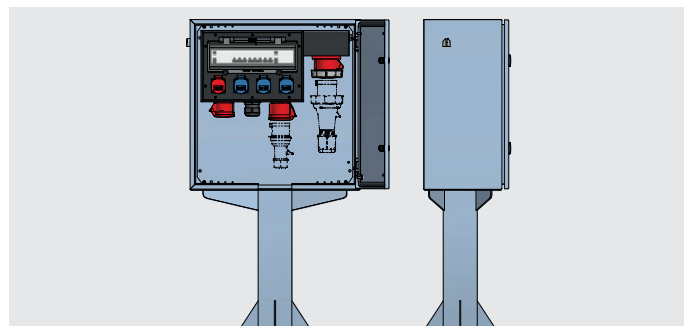
# Surface mounted distributors V2A

## Design V2A/mounted on stand V2A



Item no.	229903
Output	3×T23 1×T25 1×CEE 16/5 1×CEE 32/5 1×CEE 63/5
Input	1×SCG M40
Max. pre-fuse	63A
Housing material	Stainless steel V2A
Protection category	IP54
Dimensions	600×600×300 mm
Door lock	Double-bit
Remarks	with vent

Item no.	230017
Output	6×T23 2×T25 2×CEE 16/5 1×CEE 32/5
Input	1×SCG M40
Max. pre-fuse	80A
Housing material	Stainless steel V2A
Protection category	IP54
Dimensions	600×800×300 mm
Door lock	Double-bit
Remarks	with vent



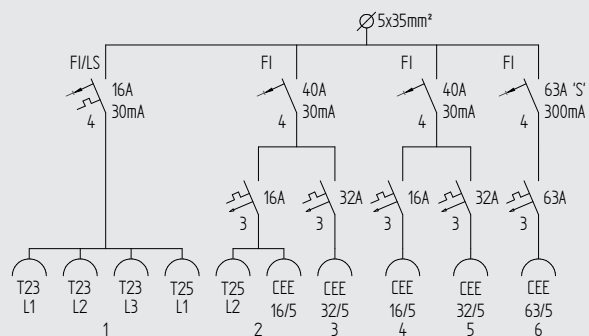
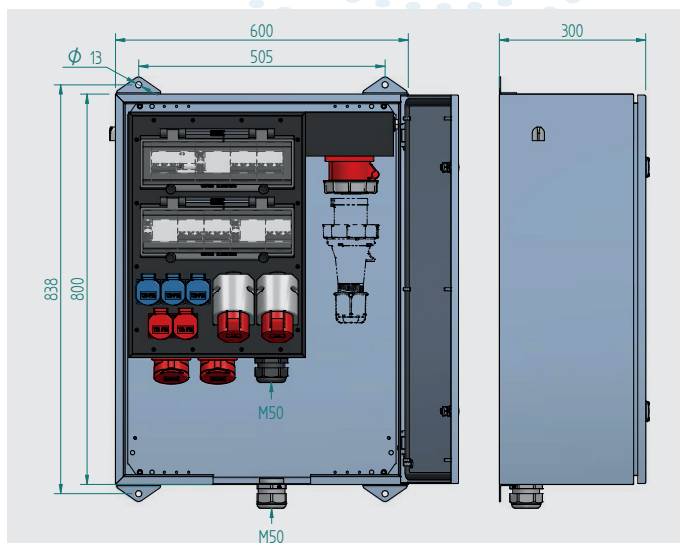
Item no.	230007	230008	230009	230010
Height of stand	500 mm	600 mm	700 mm	800 mm
Material stand	V2A	V2A	V2A	V2A

Item no.	230019	230020	230021	230022
Height of stand	500 mm	600 mm	700 mm	800 mm
Material stand	V2A	V2A	V2A	V2A

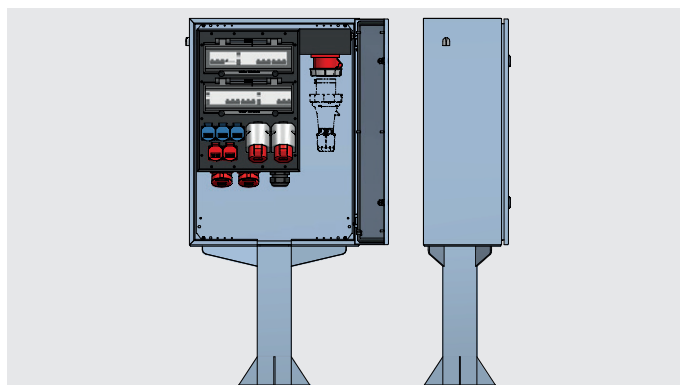


# Surface mounted distributors V2A

## Design V2A/mounted on stand V2A



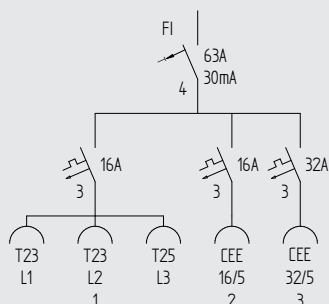
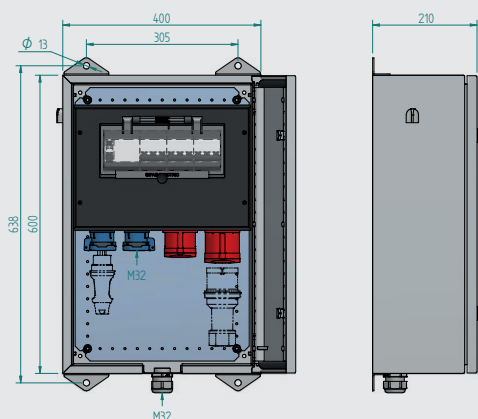
Item no.	230029
Output	3×T23 2×T25 2×CEE 16/5 2×CEE 32/5 1×CEE 63/5
Input	1×SCG M50
Max. pre-fuse	100 A
Housing material	Stainless steel V2A
Protection category	IP54
Dimensions	600×800×300 mm
Door lock	Double-bit
Remarks	with vent



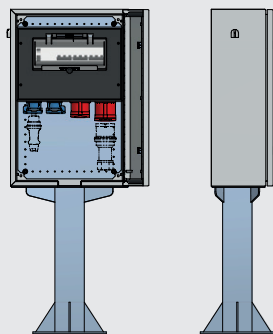
Item no.	230032	230033	230034	230035
Height of stand	500 mm	600 mm	700 mm	800 mm
Material stand	V2A	V2A	V2A	V2A

# Surface mounted distributors sheet steel

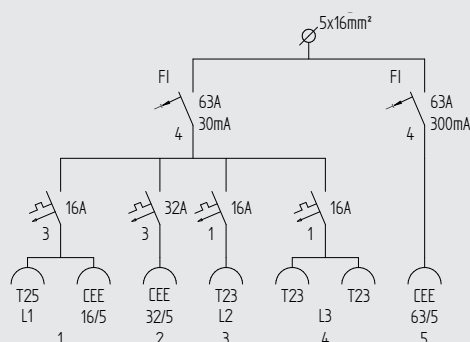
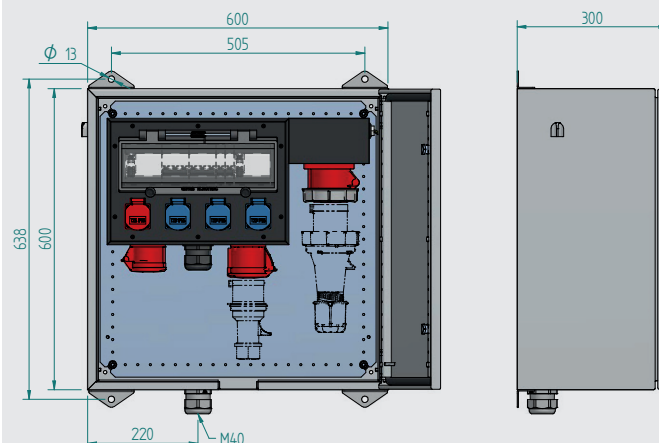
## Design sheet steel/mounted on stand galvanised



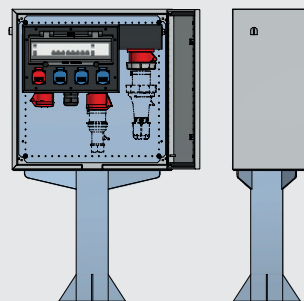
Item no.	<b>236459</b>
Output	2×T23 1×T25 1×CEE 16/5 1×CEE 32/5
Input	1×SCG M32
Max. pre-fuse	63 A
Housing material	Sheet steel
Protection category	IP44
Dimensions	400×600×210 mm
Door lock	Double-bit
Remarks	with vent



Item no.	<b>236699</b>	<b>236700</b>	<b>236701</b>	<b>236702</b>
Height of stand	500 mm	600 mm	700 mm	800 mm
Material stand	zinc-plated	zinc-plated	zinc-plated	zinc-plated



Item no.	<b>236463</b>
Output	3×T23 1×T25 1×CEE 16/5 1×CEE 32/5 1×CEE 63/5
Input	1×SCG M40
Max. pre-fuse	63 A
Housing material	Sheet steel
Protection category	IP44
Dimensions	600×600×300 mm
Door lock	Double-bit
Remarks	with vent

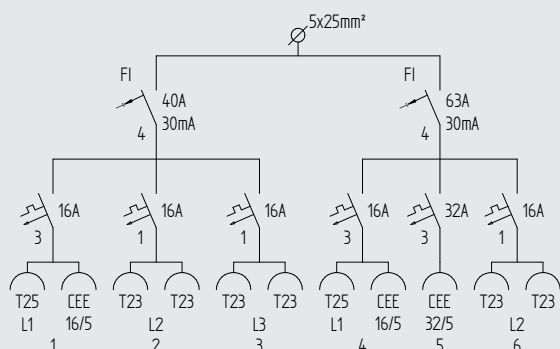
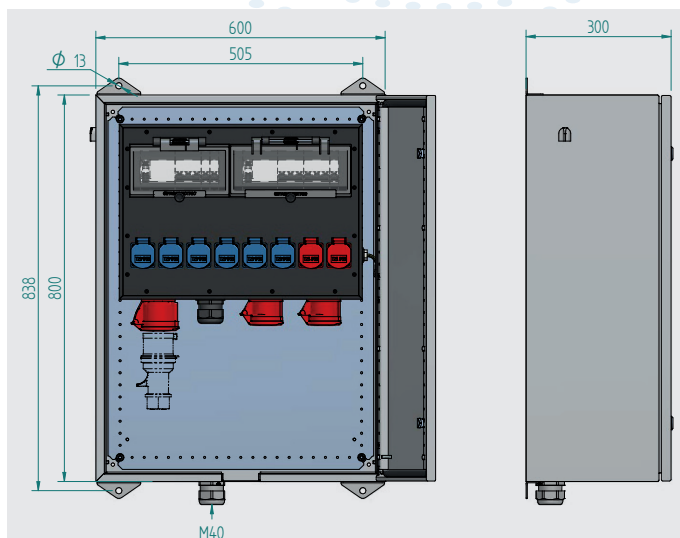


Item no.	<b>236704</b>	<b>236705</b>	<b>236706</b>	<b>236707</b>
Height of stand	500 mm	600 mm	700 mm	800 mm
Material stand	zinc-plated	zinc-plated	zinc-plated	zinc-plated

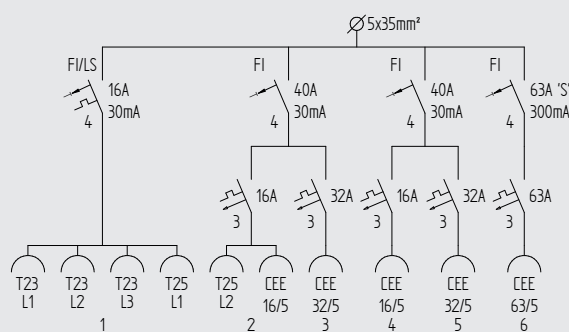
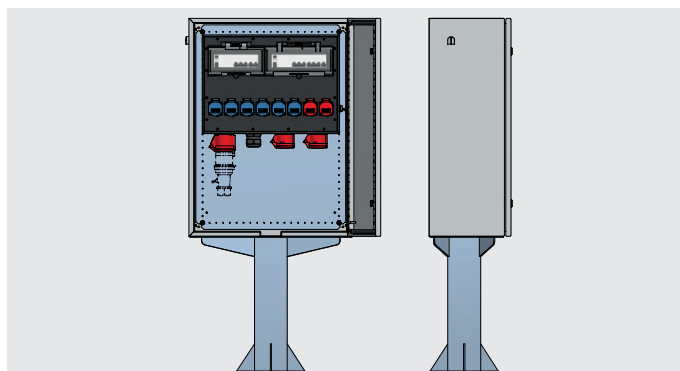


# Surface mounted distributors sheet steel

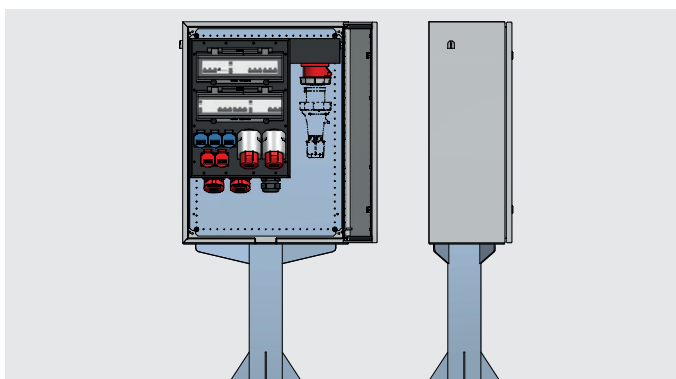
## Design sheet steel/mounted on stand galvanised



Item no.	236465
Output	6×T23 2×T25 2×CEE 16/5 1×CEE 32/5
Input	1×SCG M40
Max. pre-fuse	80 A
Housing material	Sheet steel
Protection category	IP54
Dimensions	600×800×300 mm
Door lock	Double-bit
Remarks	with vent



Item no.	236466
Output	3×T23 2×T25 2×CEE 16/5 2×CEE 32/5 1×CEE 63/5
Input	1×SCG M50
Max. pre-fuse	100 A
Housing material	Sheet steel
Protection category	IP54
Dimensions	600×800×300 mm
Door lock	Double-bit
Remarks	with vent

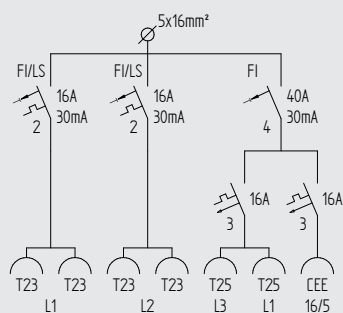
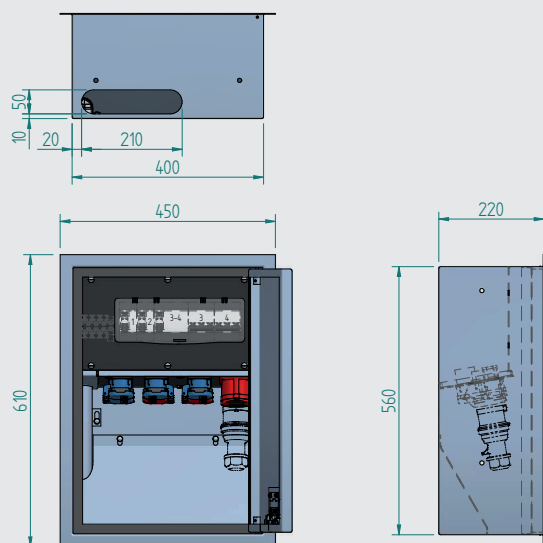


Item no.	236711	236712	236713	236714
Height of stand	500mm	600mm	700mm	800mm
Material stand	zinc-plated	zinc-plated	zinc-plated	zinc-plated

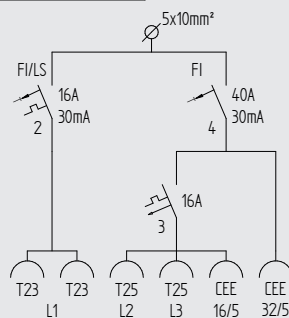
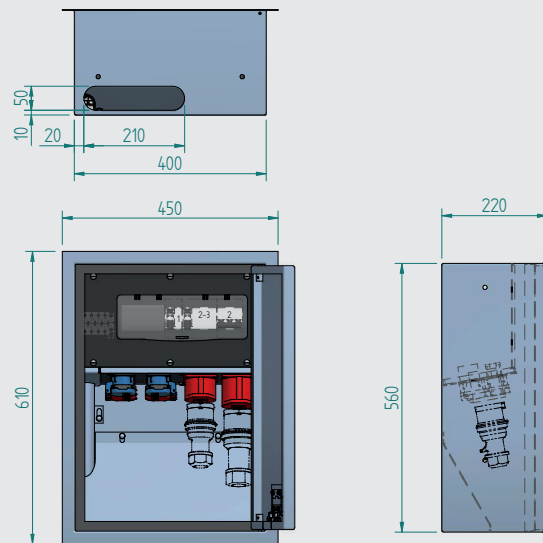
Item no.	236719	236720	236721	236722
Height of stand	500mm	600mm	700mm	800mm
Material stand	zinc-plated	zinc-plated	zinc-plated	zinc-plated

# Recessed mounted box V2A

## Type with mounting frame



Item no.	230134
Output	4×T23 2×T25 1×CEE 16/5
Max. pre-fuse	32A
Housing material	Stainless steel V2A
Protection category	IP44
Niche size	400×560×220mm
Door lock	prepared for KABA
Remarks	Cable flap door with internal latch

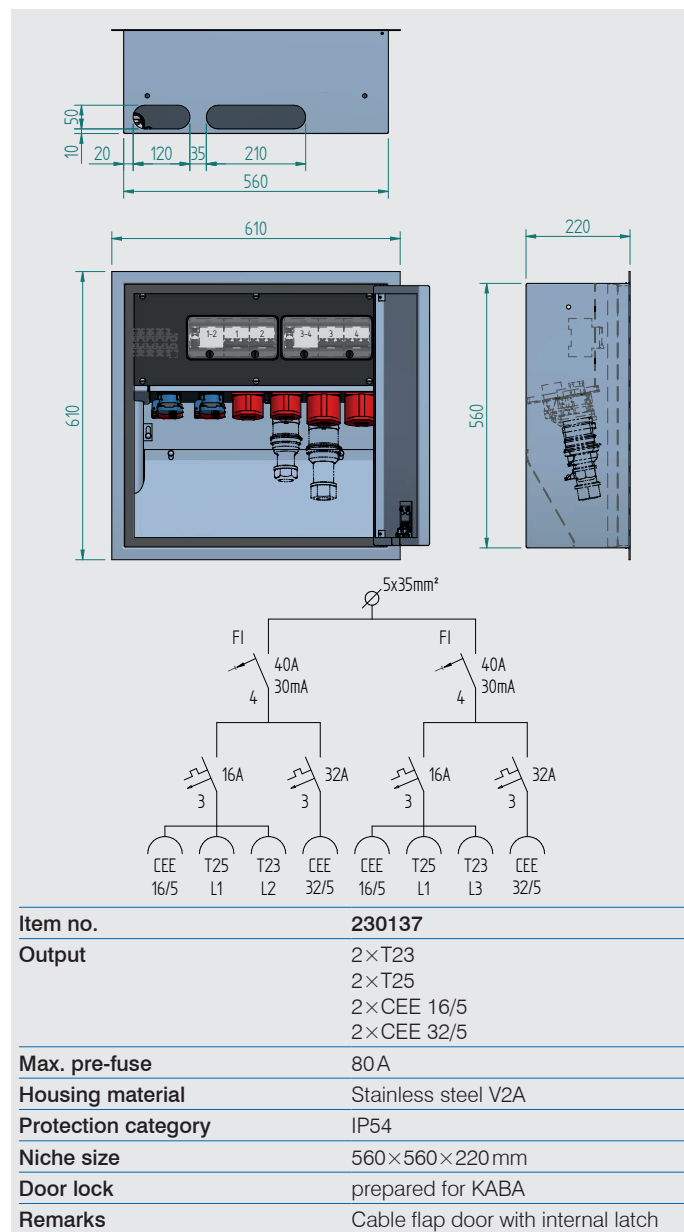
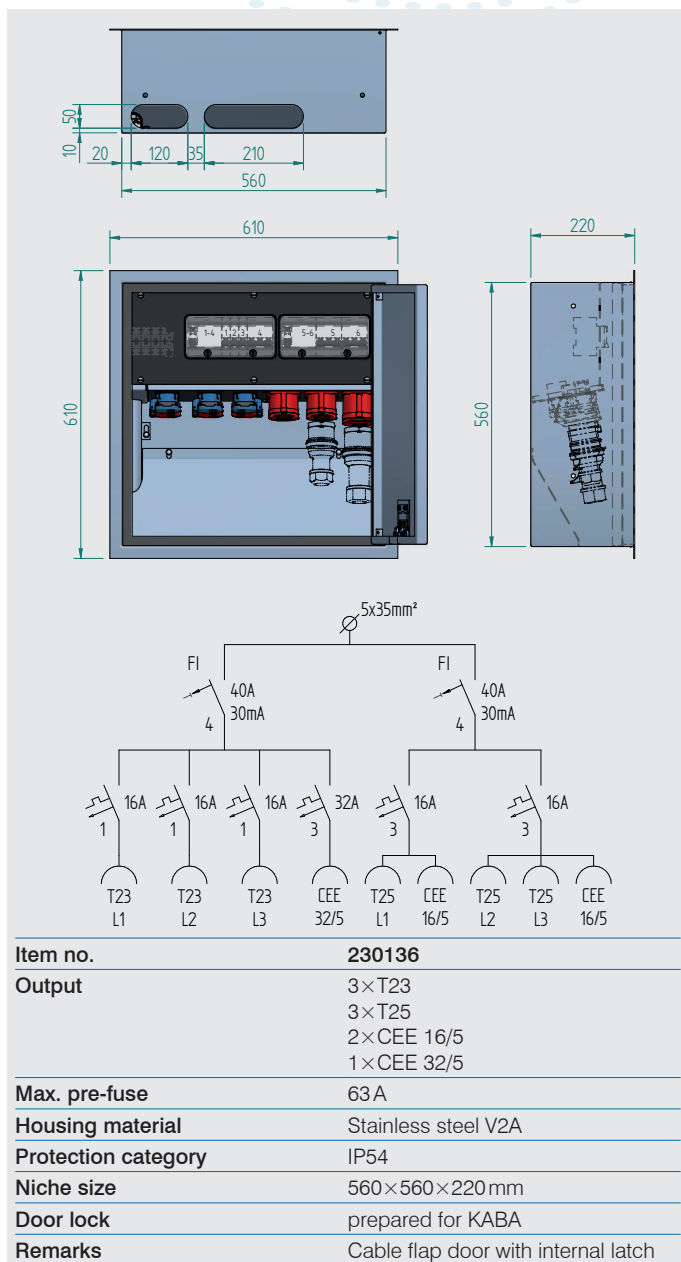


Item no.	230135
Output	2×T23 2×T25 1×CEE 16/5 1×CEE 32/5
Max. pre-fuse	32A
Housing material	Stainless steel V2A
Protection category	IP44
Niche size	400×560×220mm
Door lock	prepared for KABA
Remarks	Cable flap door with internal latch



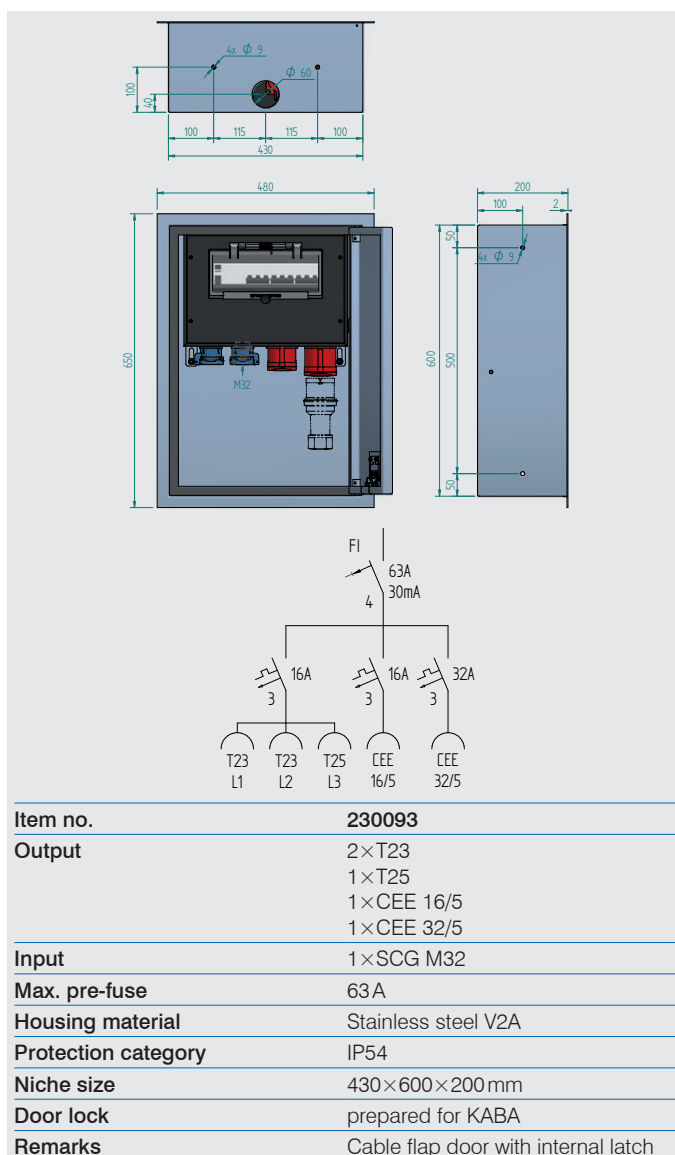
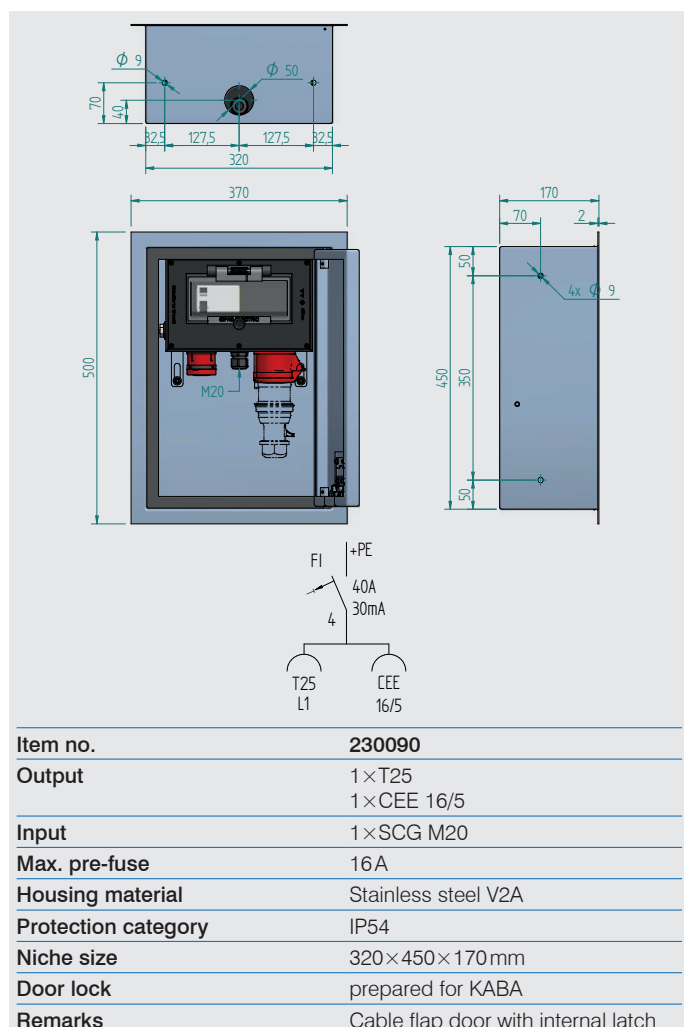
# Recessed mounted box V2A

## Type with mounting frame



# Recessed mounted distributors V2A

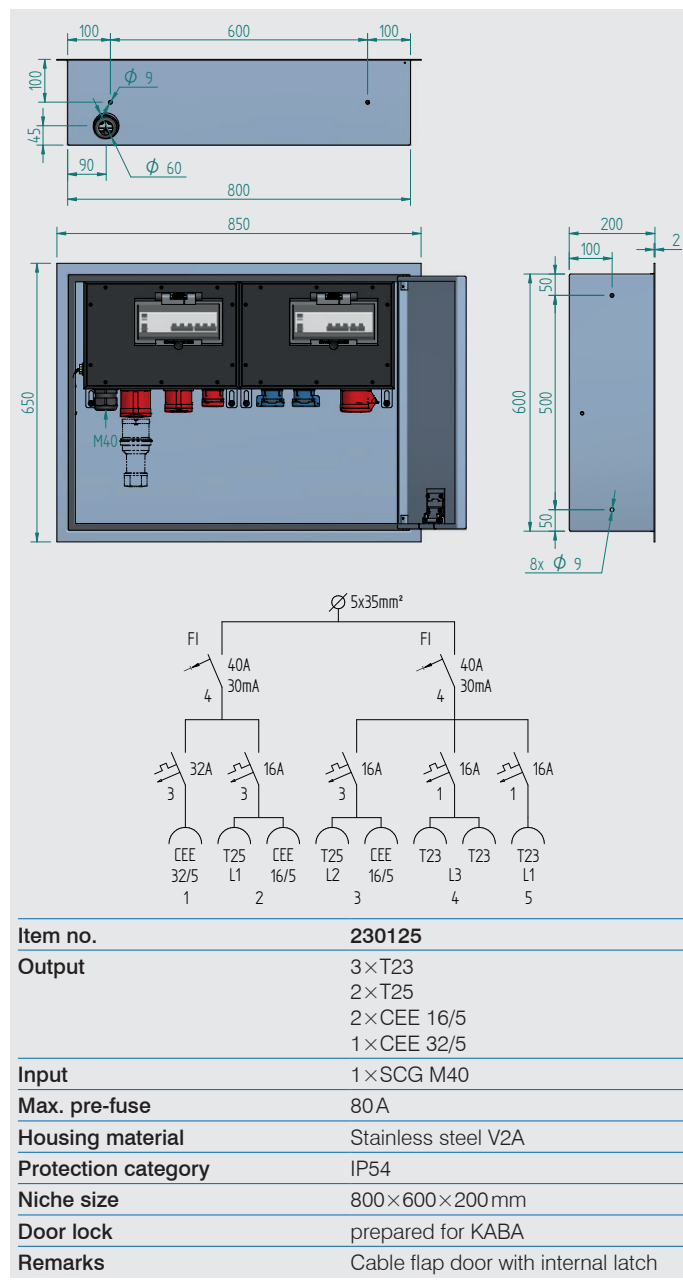
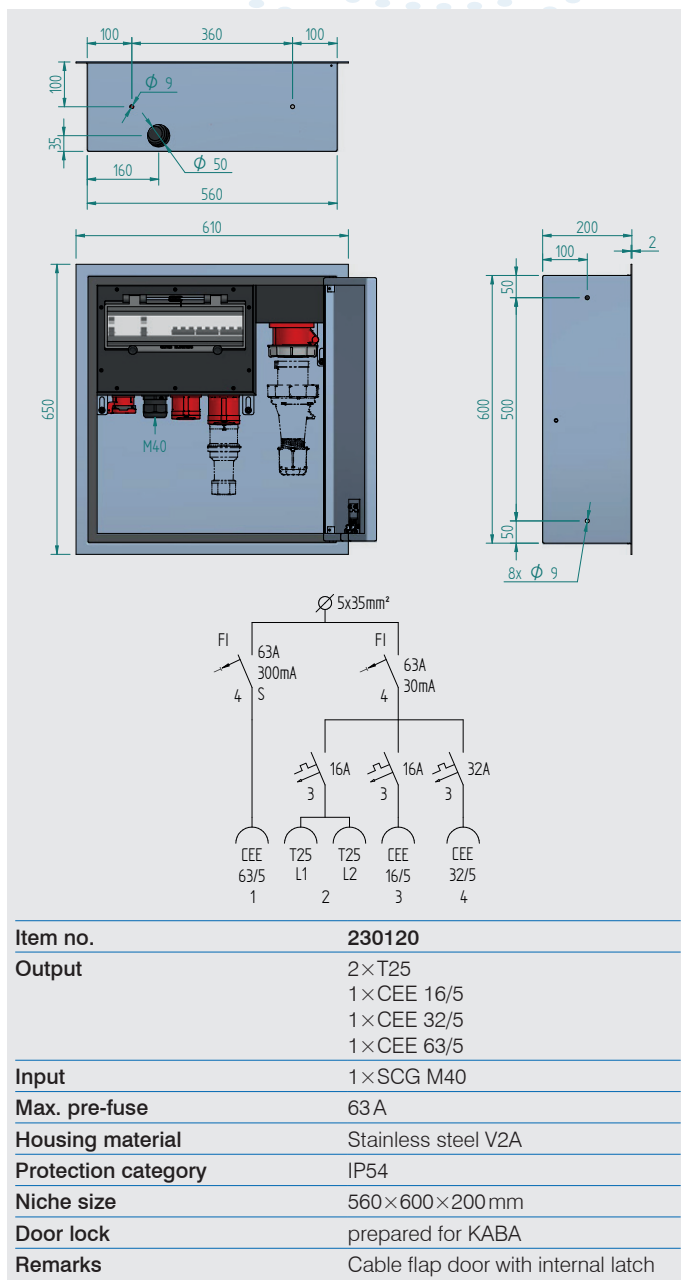
## Type with solid rubber enclosure





# Recessed mounted distributors V2A

## Type with solid rubber enclosure





**THE  
SOLUTION  
PARTNER**

GIFAS-ELECTRIC GmbH  
Dietrichstrasse 2  
CH-9424 Rheineck  
  
+41 71 886 44 44  
info@gifas.ch  
www.gifas.ch