**PROTECTION COVERS FOR INSTRUMENTATION**

Polycarbonate cover
Protection degree **IP54**
Gray (frame) / Transparent (door)

For 96x96mm (1/4 DIN) units
Order code **51065**

For 48x96mm (1/8 DIN) units
Order code **51066**

Polycarbonate cover with rubber gasket
Protection degree **IP65**
Gray (frame) / Transparent (door)

For 96x96mm (1/4 DIN) units
Order code **51064**

For 48x96mm (1/8 DIN) units
Order code **51067**

Polycarbonate antidust cover
Transparent color

mod. **CFA110** for 48x48mm (1/16 DIN) units Order code **51060**

mod. **CFA120** for 48x96mm (1/8 DIN) units Order code **51061**

mod. **CFA220** for 96x96mm (1/4 DIN) units Order code **51062**

Silicon rubber cover
Protection degree **IP65**
Trasparent color

for 48x48mm (1/16 DIN) units Order code **51183**

for 48x96mm (1/8 DIN) units Order code **51185**

for 96x96mm (1/4 DIN) units Order code **51186**
COVER PLATES FOR INSTRUMENTATION

mod. Q48
for 45x45mm hole
for 48x48mm (1/16 DIN) units
In self-extinguishing V0 polycarbonate Gray color
Order code 51177

mod. Q94
for 45x93mm hole
for 48x96mm (1/8 DIN) units
In self-extinguishing V0 polycarbonate Gray color
Order code 51178

mod. Q96
for 93x93mm hole
for 96x96mm (1/4 DIN) units
In self-extinguishing V0 polycarbonate Gray color
Order code 51179

DIN RAIL BRACKET

Base for DIN rail mounting. EN50022
(vertical mounting) (48x48mm)
Order code 51155

Base for DIN rail mounting. EN50022
(horizontal mounting) (48x96mm)
Order code 51156

Base for DIN rail mounting (48x48mm) for models
series 800/400/4-40/600
Order code 51399

Base for DIN rail mounting (48x96mm) for models
series 1600 e 1800
Order code 51479

CASE REAR WITH SCREW TERMINALS

Case rear 48x48mm, 12 screw terminals,
for 400-401 controllers
Order code 51451

Case rear 48x48mm, 24 screw terminals, for 600-800 serie
controllers and 4/40 serie indicators format 48x48mm
Order code 51453

Case rear 96x48mm, 29 screw terminals, for 1600-1800
serie controllers and 40TB indicator
Order code 1105111

Case rear 96x48mm, 22 screw terminals, for 1200-1300-
2301-3400-4400-5000-4500 controllers format 96x48 and
48x96mm, 2308-2351-4/40 serie indicators format 96x48
and 48x96mm and CLB instrument
Order code 1032099

Case rear 96x48mm, 21 screw terminals,
for 1000-1001-1101 controllers
Order code 1032095
**CASE REAR WITH FASTON TERMINALS**

Case rear 96x48mm, 21 faston terminals, for 1000-1001-1101 controllers
Order code 1032090

Case rear 96x48mm, 22 faston terminals, for 2300 indicator and SAL and MD8 instruments
Order code 1032097

**CASE REAR**

Case rear 72x36mm, for 4/40 serie indicators format 72x36mm and 40T 72 PID controller
Order code 51330

**PANEL MOUNTING KIT**

Panel mounting kit 48x48mm
Order code 51296

Panel mounting kit 48x96mm and 96x96mm
Order code 49030

Panel mounting kit 72x36mm
Order code 51331

Mounting kit for 55-550-556 instruments
Order code 51250
<table>
<thead>
<tr>
<th>CASE REAR COVERS</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>Case rear covers 48x48mm, 12 and 24 screw terminals</td>
</tr>
<tr>
<td>Order code 51294</td>
</tr>
<tr>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>Case rear covers 96x48mm, 29 screw terminals</td>
</tr>
<tr>
<td>Order code 51328</td>
</tr>
<tr>
<td><img src="image3.png" alt="Image" /></td>
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<tr>
<td>Case rear covers 96x48mm e 96x96mm, 21 and 22 screw terminals</td>
</tr>
<tr>
<td>Order code 1032096</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
</tr>
<tr>
<td>Case rear covers for 55-550-556 instruments</td>
</tr>
<tr>
<td>Order code 51078</td>
</tr>
</tbody>
</table>
### CURRENT TRANSFORMER

These transformers are used for currents of 50/60 Hz. The main characteristic of these transformers is the high number of turns in the secondary. This provides a very low secondary current, suitable for an electronic measurement circuit. The secondary current can be measured as a voltage on a resistor.

**Order code**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Currents</th>
</tr>
</thead>
<tbody>
<tr>
<td>330200</td>
<td>TRAFO - 1: 3VA transformer, 230/24Vac</td>
<td>IN = 50Aac OUT = 50mAac</td>
</tr>
<tr>
<td>330201</td>
<td>TRAFO - 1B: 3VA transformer, 24/24Vac</td>
<td>IN = 25Aac OUT = 50mAac</td>
</tr>
</tbody>
</table>

### POWER TRANSFORMER AND ISOLATION

Transformer for galvanic isolation of power supply.

**Dimensions TRAFO - 1 / TRAFO - 1B**

- **L:** 58mm
- **B:** 47mm
- **H:** 36mm

**Dimensions TRAFO - 5 / TRAFO - 5B**

- **L:** 67mm
- **B:** 52mm
- **H:** 45mm

**Order code**

- TRAFO - 1: 3VA transformer, 230/24Vac
- TRAFO - 1B: 3VA transformer, 24/24Vac
- TRAFO - 5: 10VA transformer, 230/24Vac
- TRAFO - 5B: 10VA transformer, 24/24Vac

### INTERCHANGEABLE ELEMENTS for CONTROLLER VERSION 600

**Board I/O optionals (expansions)**

**Output 2**

- **R-600-A:** Relay output - type A
- **D-600-A:** Logic output - type A
- **T-600-A:** Triac output 1A - type A
- **M-600-A:** Digital insulated - type A

**Output 3 / Input**

- **R-600-B:** Relay output - type B
- **D-600-B:** Logic output - type B
- **C-600-B:** Continuous output - type B
- **W-600-B:** Analog output - type B
- **H-600-B:** CT input 50mA - type B
- **N-600-B:** Digital input - type B
- **M-600-B:** Digital insulated - type B

**Digital communication / Output 4**

- **2-600-C:** Seriale output - type C
- **R-600-C:** Relay output - type C

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice.