

# PORTABLE RAILWAY DISCHARGE KIT

## DPF RANGE



The DPF discharge kit range is designed especially for discharging high voltage capacitors before maintenance activities in the rail depot.

### ADVANTAGES

- Portable (compact and light)
- Simple to use
- Measures voltage level before and after discharge
- Indicates when it's safe to intervene
- Application example: CVS capacitor discharge

The same device combines the voltage check and capacitor discharge functions.

This discharge kit assures the security of personnel by alerting to the presence of high voltage and so avoiding risk of shock and /or electrocution

Each discharger is delivered with a set of rods and cables of either 1.5m or 2m.

Three different rod lengths are available: 300mm (PC), 600mm (PM) and 1000mm (PL).

To ensure a good electrical contact depending on the component to be discharged, probes with a very fine tip are also available to be fitted on the discharger.



### STANDARD RANGE

| DESCRIPTION   | ITEM CODE (*)                      | MAX VOLTAGE | MAX. CAPACITANCE | CASE TYPE |
|---------------|------------------------------------|-------------|------------------|-----------|
| DPF 2200-22mF | SEEL012043<br>PC or PM or PL or PI | 2 200 Vcc   | 22 mF            | A         |
| DPF 2200-72mF | SEEL012897<br>PC or PM or PL or PI | 2 200 Vcc   | 72 mF            | B         |
| DPF 3500-30mF | SEEL016802<br>PC or PM or PL or PI | 3 500 Vcc   | 30 mF            | B         |
| DPF 4600-16mF | SEEL016810<br>PC or PM or PL or PI | 4 600 Vcc   | 16 mF            | B         |

(\*) the end of the item code defines the length of the poles

## DPF –TECHNICAL SPECIFICATION

### INPUT

Voltage required to recharge the internal batteries  
(the unit works off internal batteries for ease of use)

- 90 to 264 VAC single phase
- Frequency: 47 to 63 Hz
- Power consumption: 16 W

### DISCHARGE VOLTAGE ACCEPTED

- 2200, 3500 or 4600 VDC

### CAPACITANCE

- Up to 72 mF

### FEATURES

- ON/OFF switch
- Internal battery status leds
- **Red** led: Capacitor voltage > 50 VDC
- **Green** led:
  - Flashing: capacitor voltage between 8 and 50VDC
  - Fixed: capacitor voltage < 8 VDC
- **Red** led: Capacitor voltage present
- Contact zone for auto test (to be carried out before each intervention)

### PROTECTIONS

- By fuses

### DESCRIPTION

- Light weight case with handle
- Input cable for battery charging included
- Rods and cables supplied
- When in use, place the case on a dry surface such that the front panel is visible – carry out the auto test

### CLIMATIC CONDITIONS

- Working temperature -10 to +45°C
- Storage temperature -20 to 70°C
- Humidity 0 to 95 % without condensation
- Protection factor IP30

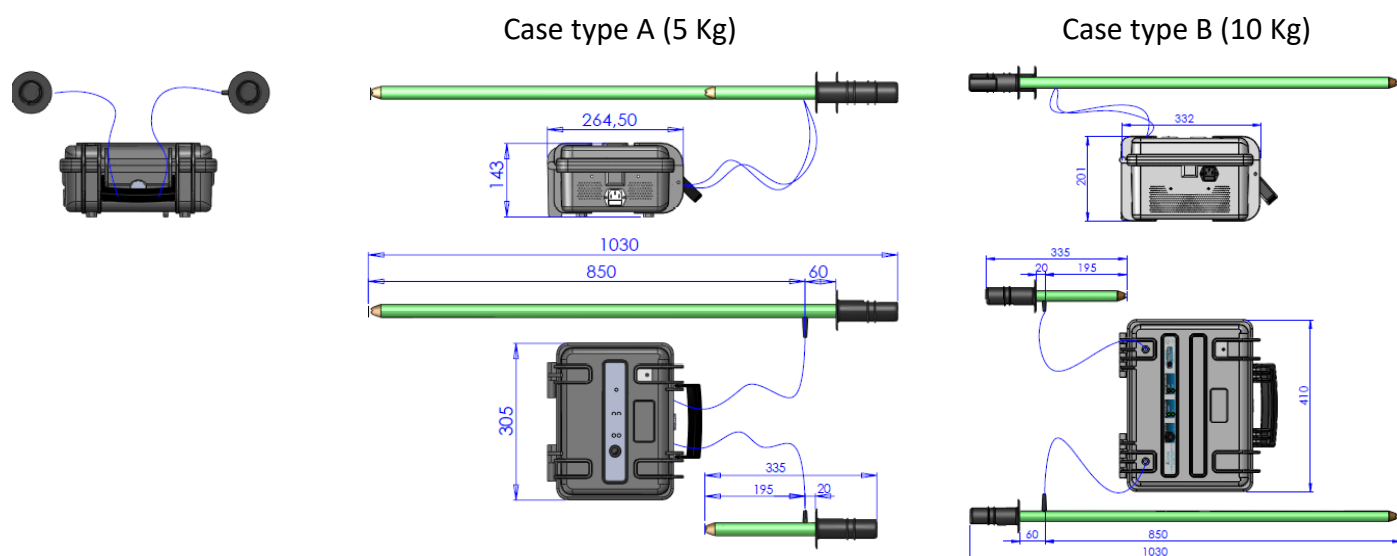
### OPTIONS

- Fine tips with 4m of cable reference SEEL01204370
- Set of short poles with 3m of cable reference SEEL01204395
- Set of medium poles with 3m of cable reference SEEL01204397
- Set of long poles with 3m of cable reference SEEL01204396

### STANDARDS

- CE certificate

## MECHANICAL DIMENSIONS



The information contained in this leaflet is not of a contractual nature. ENAG reserves the right to amend the technical details of its products without advance notice. Please consult us before installing the units.

FC-DPF-EN-H