

## FIRE SAFETY FUSE PROJY MC4 PEFS-EL-40-4

Product code: Zab.ppoz.projy.2mppt



Projy PEFS-EL40-4 is a device designed to control the supply of direct current from photovoltaic panels by automatically switching it on and off. It is controlled automatically by the alternating current network. The main purpose of this device is to disconnect the direct current circuit in case of a power outage on the alternating current side and automatically reconnect the direct current circuit after the alternating current supply is restored. This situation occurs in the event of a power failure in the electrical network or intentional power shutdown in the building due to fire hazard. The Projy fire protection switch does not require manual resetting and operates completely without the need for maintenance. What truly distinguishes this switch is its significant current carrying capacity - up to 40A at 1000V, as well as the ability to handle two strings (or chains). The PEFS-EL40-4 switch comes equipped with complete MC4 connectors, both those integrated into the device and those that need to be attached to the ends of DC cables. Installation is quick and trouble-free.

### Product variants

Index	Price
<b>FIRE SAFETY FUSE PROJY MC4 PEFS-EL-40-4</b> Zab.ppoz.projy.2mppt	Product prices only visible after login. If you do not have an account, please register.

### Product description

Projy PEFS-EL40-4 is a device designed to control the supply of direct current from photovoltaic panels by automatically switching it on and off. It is controlled automatically by the alternating current network. The main

purpose of this device is to disconnect the direct current circuit in case of a power outage on the alternating current side and automatically reconnect the direct current circuit after the alternating current supply is restored. This situation occurs in the event of a power failure in the electrical network or intentional power shutdown in the building due to fire hazard. The ProJoy fire protection switch does not require manual resetting and operates completely without the need for maintenance. What truly distinguishes this switch is its significant current carrying capacity - up to 40A at 1000V, as well as the ability to handle two strings (or chains). The PEFS-EL40-4 switch comes equipped with complete MC4 connectors, both those integrated into the device and those that need to be attached to the ends of DC cables. Installation is quick and trouble-free. Advantages of the ProJoy MC4 PEFS-EL-40-4 fire protection fuse: Switches adapted for 1, 2, 3, 4, 5 strings - depending on the model Up to 85 A Up to 1500 V DC CE certificates Motor switch Solid plastic housing IP66 Prepared holes | cable connectors | MC4 connectors Built-in DC current isolator with TUV, CE, CB, SAA, UL, CCC certificates Automatic switch-off at 70°C Equipped with a breather valve to prevent condensation inside the enclosure Technical data of the ProJoy MC4 PEFS-EL-40-4: String voltage (Vdc): 300 ~ 1500 V DC String current (A): 40 A Number of strings: 2 Wiring switch: 4 Operating voltage: 100 V AC - 270 V AC Nominal voltage: 230 V AC Nominal current: 30 mA Start (charging) current: average 100 mA Current switch-on switch: max. 300 mA Feedback contact: 24 V DC - 300 mA max. Operating temperature range: -20°C - + 50°C Maximum operating temperature before automatic shutdown: + 70°C Storage temperature range: -40°C - + 85°C Protection level: IP66 Protection class: class II Certificates: CE DC isolator to be disconnected according to: EN 60947-1&3 Number of operations: 10000 Number of operations under load (PV1): >1500