

POWERPACK TYPE3

WITHOUT HOUSING



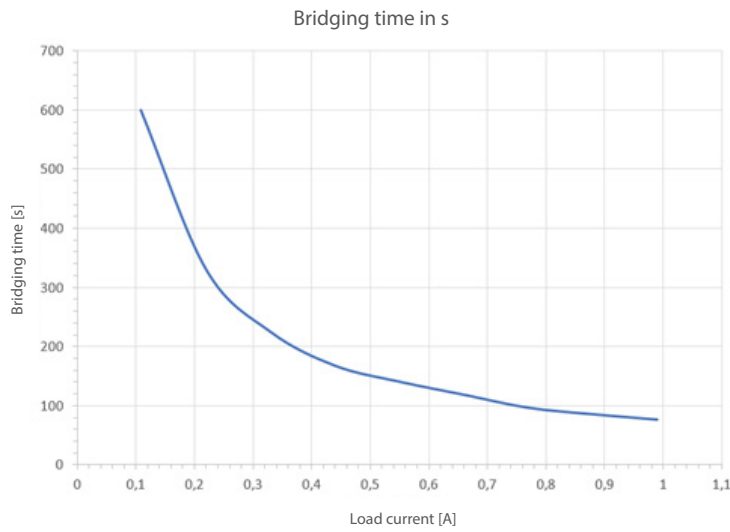
Product description

The Powerpack is an energy storage device for bridging short mains failures or voltage fluctuations in the feed-in voltage of the hold-open system.

The Powerpack is maintenance-free and has a service life of up to 10 years.

Manufacturer	Protronic Innovative Steuerungselektronik GmbH, Grimmaische Str. 92, D-04828 Bennewitz
Maximum operating voltage	28 V
Max. extractable current	1 A, electronic cut-off at 1.4 A
Max. charging current	increasing up to approx. 80 mA
Recharge time (discharged pack)	approx. 50 minutes
Charging time (partial discharge)	approx. 30 minutes
Temperature range	-25 °C to +40 °C
Bridging time	max. 10 min (depending on connected load)
Lifetime	up to 10 years
Connection	Connector 2-pole, by Jointech, type: A2501H-02P, dimensions: 5.6 mm x 5.7 mm x 7.7 mm
Max. Dimensions	118 x 27 x 55 mm (LxWxH)

The bridging time of the Powerpack depends on the connected load



Example - Table for common unit combinations

Device configuration	Load current at 24 V	Bridging time
RZ8 + 1x Holding magnet	0,115 A	approx. 9 minutes 48 seconds
RZ8 + AM-S	0,350 A	approx. 3 minutes 28 seconds
RZ8 + 2x AM-S	0,600 A	approx. 2 minutes 5 seconds
RZ8 + AM-U	0,400 A	approx. 3 minutes 3 seconds
RZ8 + 2 x AM-U	0,750 A	approx. 1 minutes 42 seconds

The Powerpack keeps the output voltage of the power supply constant at 22 VDC over the bridging period. When the stored energy is used up, the PP3 switches off the output voltage to 0 VDC.

CAUTION: A short circuit of the charged Powerpack can damage the electronics. Please check the Powerpack after a short circuit and replace it if necessary. The defective Powerpack can be repaired in many cases. Please send it to Protronic, stating a QS number.

Instructions:

When using the PP3 in a hold-open system type RZ8 with the aBZ Z-6.500-2436 aBG RZ8 RZ24-FA, it is no longer necessary to change the loop resistance from 4k7 to 5k9.

The Powerpack type3 (PP3) replaces the Powerpack type2 (PP2). The PP3 is downward compatible and can therefore be used as a replacement for a PP2.