MZA24 - EMERGENCY POWER SUPPLY MODULE
user manual

1. Usage

The MZA24 module is designed for installation in 24V gate automation drives. Used for emergency power supply during power outages. For the power supply, it is necessary to connect the battery (not included) with the capacity from 2 to 7Ah.

2. Technical data

power supply:	30V DC
battery:	24V / 2-7Ah
battery protection:	10A fuse
battery discharge protection:	none
dimensions:	80x50x20 mm

3. Connection to the DTM-SWIFT624 drive

The wiring diagram is shown in Figure 1. To connect the MZA24 to the DTM-SWIFT624:

a) disconnect the 230V power supply from the SWIFT624-CB control unit

b) connect the terminals 3 and 4 of the MZA24 module to the WAGO terminals in the DTM-SWIFT624 drive, using the supplied cables.

c) using the supplied cables, connect the battery to terminals 1 and 2 of the MZA24 module. When using two batteries, connect them in series with the supplied cable.

d) verify that the control unit is properly powered (LEDs are on)

e) re-connect the control unit to a 230V network.

Pay attention to the polarity of the connection. Black wire minus, red wire plus.

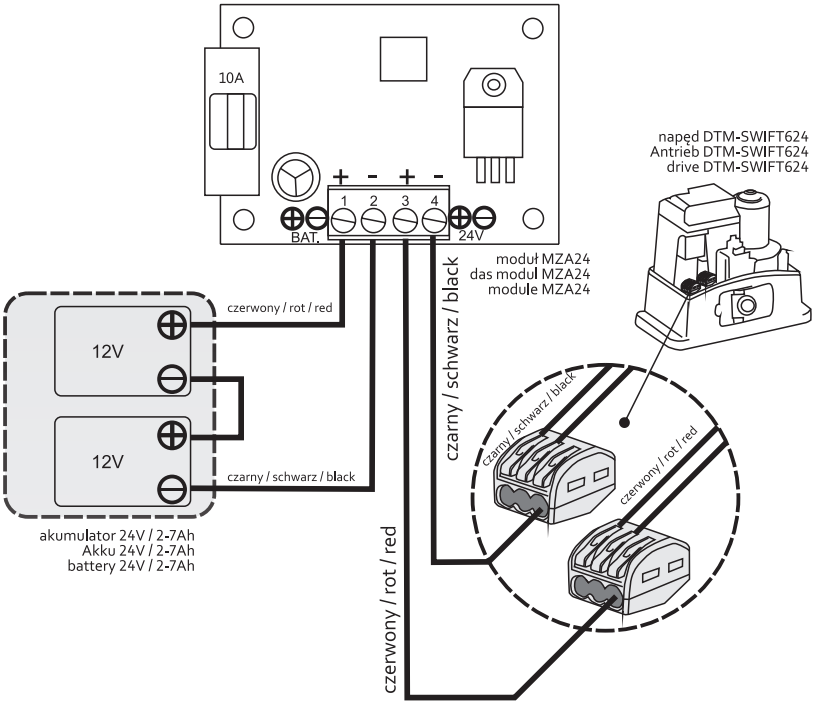
It is recommended to connect the module and the battery when the installation is already tested.

WARRANTY

DTM System provides operational and ready to use devices and gives 24 months warranty from the selling date to the end customer. This time is counted according to the producer warranty labels or serial numbers placed on every product. DTM System obliges itself to repair the device for free if during the warranty period there are problems which come because of its fault. Broken device should be supplied on customer's expense to the place of purchase and enclose clear and brief description of the breakage. The cost of mount/dismount is covered by the user. The warranty does not cover any faults caused by improper usage, user self repairs, regulations and adaptations, lightning strikes, voltages or short circuits in the electrical grid. Appropriate legal acts regulate details of the warranty.

Electrical or electronic devices cannot be removed with everyday waste. The correct recycling of devices gives the possibility of keeping natural resources of the Earth for a longer time and prevents the degradation of natural environment.

SCHEMAT PODŁĄCZENIA / DER SCHALTPLAN / CONNECTION DIAGRAM



Rys. 1. Schemat podłączenia modułu MZA24 do napędu DTM-SWIFT624

Abb. 1. Schaltplan des Moduls MZA24 an den Torantrieb DTM-SWIFT624

Fig. 1. Diagram of connecting MZA24 module to DTM-SWIFT624 drive

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07/2017

CE

Producent / Hersteller / Manufacturer
DTM System spółka z ograniczoną odpowiedzialnością spółka komandytowa ul. Brzeska 7, 85-145 Bydgoszcz, Polska

Wyrób: moduł zasilania awaryjnego **Erzeugnis:** Modul für Unterbrechungsfreie Stromversorgung **Procuct:** emergency power supply module
Model(e) / Die Modell(s) / Model(s): MZA24

Wyrób jest zgodny z Dyrektywami Unii Europejskiej / Das Erzeugnis ist mit den Richtlinien der Europäischen Union übereinstimmend / Product is compatible with European Directives: 2014/35/UE, 2014/30/UE

Wyrób spełnia wymagania norm zharmonizowanych / Das Erzeugnis erfüllt die Vorgaben der harmonisierten Normen / Product is compatible with: harmonized norms:
LVD: EN 60335-1
EMC: EN 61000-6-3, EN 61000-6-1

Prezes Zarządu Komplementariusza / Vorstandsvorsitzender des Komplementärs
Chairman of the Board of the General Partner
Daniel Kujawski
28-04-2017 Bydgoszcz, Polska

DTM System spółka z ograniczoną odpowiedzialnością
spółka komandytowa, ul. Brzeska 7, 85-145 Bydgoszcz, Polska
tel./fax. (52) 340-15-83, 340-15-84
www.dtm.pl, dtm@dtm.pl

CE