



ADELSYSTEM

New Power Supplies DFX15W and DFX60W presentation



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New DFX Line

The DFX power supplies have been specifically developed for building automation applications and are ideal for use in distribution boards and flat control panels. The DFX power supplies offer flexible mounting options and can be mounted on a DIN rail or level surface. The DFX power supplies are designed with plastic housing and they have Protection Class II.

The DFX line is composed by four part numbers: DFX1512A – DFX6012A and DFX1524A – DFX6024A



DFX15W | Power Performance

The DFX15W are capable of supplying current without derating up to +55°C.

The power supplies are also provided with power boost to handle short current spikes. **The DFX15W can reach up to 20W.**

The DFX15W have the DC output voltage adjustable via trimmer.

 Protection Class II



DFX1512A

Input voltage range:	85-305 Vac 95-370 Vdc
Load voltage:	12 V
Load voltage range:	10.5 – 14.5 V
Load current:	1.2 A
Power Boost:	2 A < 3 min



DFX1524A

Input voltage range:	85-305 Vac 95-370 Vdc
Load Voltage:	24 V
Load voltage range:	22.5 – 28 V
Load Current:	0.65 A
Power Boost:	1.1 A < 3 min

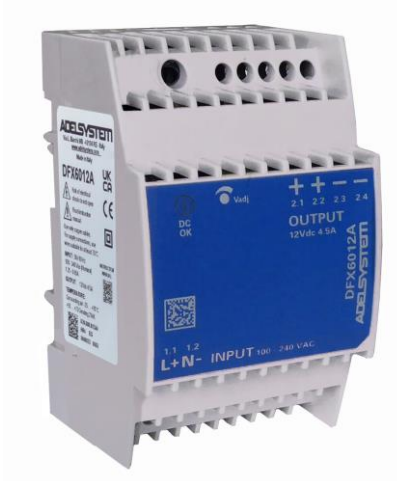
DFX60W | Power Performance

The DFX60W are capable of supplying current without derating up to +55°C.

The power supplies are also provided with power boost to handle short current spikes. **The DFX60W can reach up to 72W.**

The DFX60W have the DC output voltage adjustable via trimmer.

 Protection Class II



DFX6012A

Input voltage range:

85-305 Vac

95-370 Vdc

Load voltage:

12 V

Load voltage range:

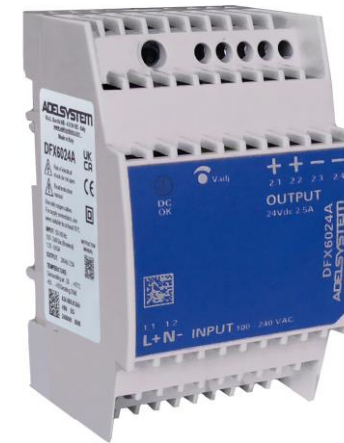
10.5 – 14.5 V

Load current:

4.5 A

Power Boost:

6 A < 3 min



DFX6024A

Input voltage range:

85-305 Vac

95-370 Vdc

Load Voltage:

24 V

Load voltage range:

22.5 – 28 V

Load current:

2.5 A

Power Boost:

3 A < 3 min

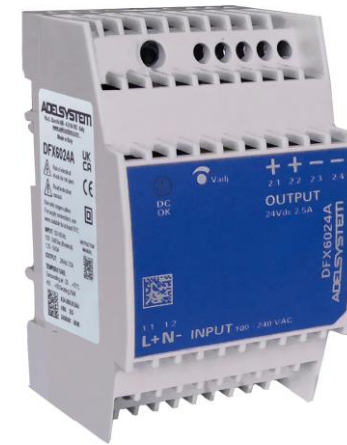
DFX Line | Dimensions

Space savings in the control cabinet due to the narrow design combined with increased performance.

The new compact design with plastic case allows to save space in the assembling and can be mounted on a Din rail or chassis.



18 x 55 x 90 mm

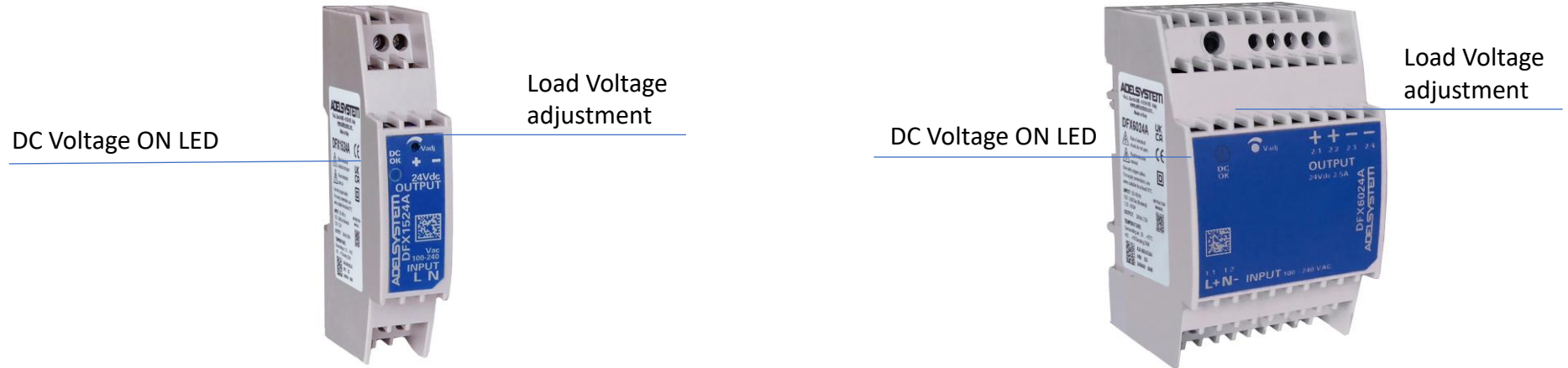


61 x 55 x 90 mm

DFX Line | Features

The DC Voltage led reports the presence of load output voltage allowing the operator to monitor the operation of the power supply.

The load output voltage can be adjusted through the trimmer on the front of the module.



DFX Line | Features

UNIVERSAL INPUT VOLTAGE

85 – 305 Vac

INSULATION VOLTAGE (IN/OUT)

4000 Vac

PROTECTION CLASS II

For building automation application. The safety earth connection is not required.

DC OUTPUT VOLTAGE ADJUSTABLE via trimmer

START UP with HIGH CAPACITIVE LOAD

$\leq 30.000\mu\text{F}$

HICCUP MODE with Automatic Restart

In case of short-circuit or overloading, the output current is interrupted and the device tries again to re-establish output voltage and normal condition about every milliseconds till the problem is cleared.

CONNECTABLE IN SERIES up to 4 units