

Electronic Converters for LED Modules 24 V

If LED modules are used that are connected in parallel, the voltage-stabilising system is activated. The advantages include easy extendibility and system safety on account of the low voltage.

The electronic converters made by Vossloh-Schwabe guarantee a broad output range at a voltage of 24 V. Typical areas of application are architectural and general lighting, the replacement of halogen lamps as well as furniture lighting.

Devices with the particularly high IP67 degree of protection are designed for use in outdoor applications.

General technical notes

Short-circuit protection: electronic

Overload and temperature protection: reversible

Protection against "no load" operation

Protection class I (EDXe 120: protection class II)

Output W	Type	Ref. No.	Mains voltage 50, 60 Hz V	Voltage output V	Mains current mA	Output current A	Ambient temperature t_a °C	Casing temperature t_c °C	Power factor	Drawing/photo	With cord grip	Weight g
0.1-20	EDXe 120	186129	220-240	24 ± 0.5	230/210	0.85	-20 to 45	75	0.5	A	–	155
0.0-50	EDXe 150/24 V	186218	220-240	24 ± 0.72	260/235	0.0-2.1	-40 to 45	70	0.97	B	–	320
0.0-50	EDXe 150/24 V	186219	220-240	24 ± 0.72	260/235	0.0-2.1	-40 to 45	70	0.97	C	yes	370
0.0-70	EDXe 170/24 V	186103	220-240	24 ± 0.48	360/310	0.0-2.9	-20 to 45	70	0.97	B	–	340
0.0-70	EDXe 170/24 V	186104	220-240	24 ± 0.48	360/310	0.0-2.9	-20 to 45	70	0.97	C	yes	360
0.0-130	EDXe 1130/24 V	186131	220-240	24 ± 0.48	640/585	0.0-5.4	-20 to 45	75	0.98	B	–	370
0.0-130	EDXe 1130/24 V	186132	220-240	24 ± 0.48	640/585	0.0-5.4	-20 to 45	75	0.98	C	yes	390
Degree of protection: IP67												
0.0-70	EDXe 170/24 V IP67	186105	220-240	24 ± 0.48	360/330	0.0-2.9	-20 to 45	70	0.97	D	–	515
0.0-130	EDXe 1130/24 V IP67	186133	220-240	24 ± 0.48	640/585	0.0-5.4	-20 to 45	70	0.97	D	–	545

Converter EDXe 120

Degree of protection: IP20, SELV-equivalent

Dimensions (LxWxH): 182x42x18 mm

(Drawing: A)

Connections/leads:

prim.: mains connection cable

sec.: screw terminals 1.5 mm²

Ref. No.: 186129

