

DIRECT SERIES LIGHTING CONTROL MODULE



DR-BC1000 BUS CASCADE MODULE

DR-BC1000 is designed to isolate DR-Link differential communication and transmits DR-Link signals up to 1000 meters. DR-BC1000 provides 24V 0.8A DC power to a total of five DR-Link communication interfaces and is able to provide separate isolation for both input and output signals.

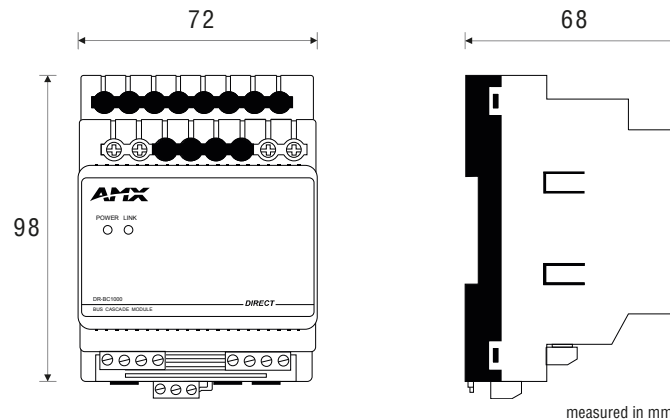
FEATURES

- Industrial grade DC-DC isolated power converter accepts AC power from 110V to 220V.
- Output 24V 0.8A DC power.
- Fully isolated DR-Link communication chip provides separate isolation for input and output signals.
- Designed for standard 35mm DIN rail installation [Space Occupation: 4P (per P:18mm)].
- 1500W surge protection, 15KV ESD protection, 2500V communication isolation.
- Unique isolated protection circuit and support hot-plugging operation.
- Transmits DR-Link signal up to 1000 meters.

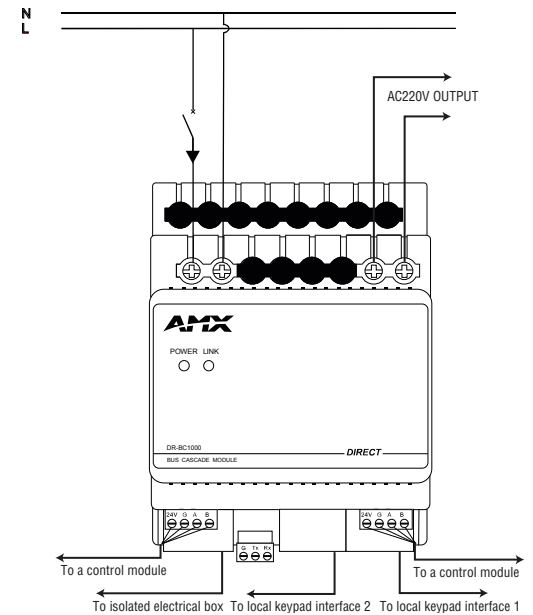
SPECIFICATIONS

Power supply	AC 110 - 220V
Compatible with	DR-Link
Output power	DC 24V 0.8A
Power consumption	about 2W
Transmission relay	≤ 10uS
Transmission distance	1000 meters
Operation temperature / RH	0°C - 45°C / 20% - 93% RH
Storage temperature / RH	-40°C - +55°C / 10% - 93% RH
Dimensions (L x W x H)	72 mm × 98 mm × 68 mm
Weight	195 g/pcs

DIMENSIONS



WIRING OF SINGLE MODULE



READE BEFORE USE

- Read this document carefully before use.
- Ensure the product is well ventilated.
- Avoid moisture, vibration and dust.
- Do not expose the product to rain, any types of liquid or corrosive gases.
- Dry the product immediately if it's affected by damp or splash.
- Refer all servicing to qualified service personnel or AMX if a product fault appears.

CONTACT

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AMX does not assume responsibility for errors or omissions. AMX also reserves the right to alter specifications without prior notice at any time.

The AMX Warranty and Return Policy and related documents can be viewed/downloaded at www.amx.com.

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