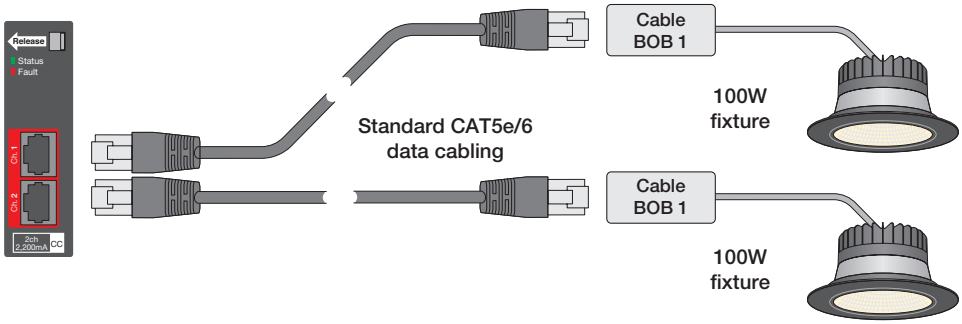
Drive Hub
Drive Card: 2ch 2200mA CC

SPECIFICATION SHEET

This card provides two separate outputs for driving constant current LED fixtures, up to 100W per output. Two RJ45 sockets are located on the rear panel, with each socket providing one output channel. This card operates in close cooperation with Cable BOB 1 modules to deliver each channel via standard CAT5e/6 cabling.

Each channel spreads its output across all four of the twisted pairs within the CAT5e/6 cables to ensure sufficient current carrying capacity plus a safety margin.

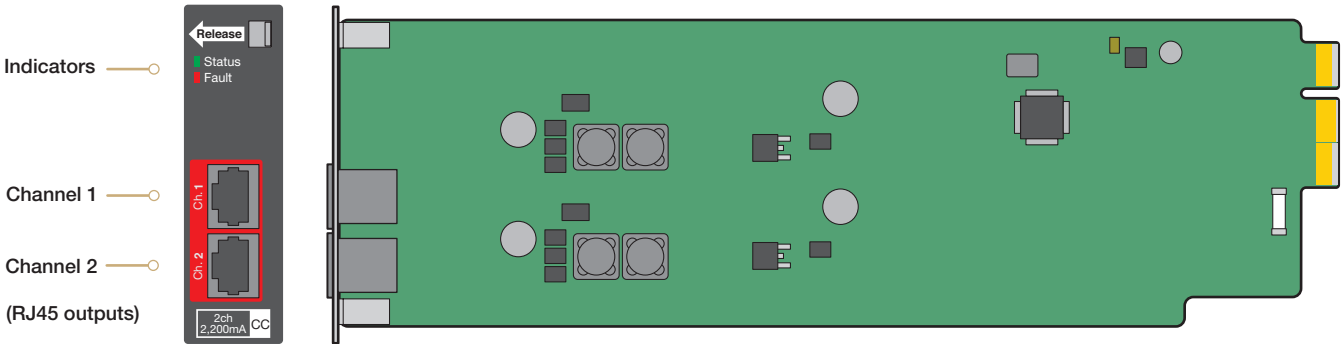
Up to twelve drive cards, of the same or different types, can be fitted within a single Drive Hub Card Frame chassis or up to six drive cards within a Mini Pack chassis.



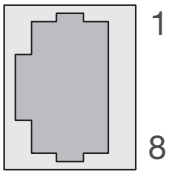
Key features

- Provides two individually controlled channels, each outputting 2,200mA for fixtures up to 100W per channel.
- Short-Circuit and Over-Current Protection: The drive card is protected from cable faults and overload by automatically disabling the output should a fault or overload condition occur. It will auto recover once the fault has been removed.
- Hot-pluggable within the Card Frame chassis.

Layout Overview



Output connector pin-outs



Upper connector (channel 1)

1	Channel 1 +	**5**	Channel 1 +
2	Channel 1 -	**6**	Channel 1 -
3	Channel 1 +	**7**	Channel 1 +
4	Channel 1 -	**8**	Channel 1 -

Lower connector (channel 2)

1	Channel 2 +	**5**	Channel 2 +
2	Channel 2 -	**6**	Channel 2 -
3	Channel 2 +	**7**	Channel 2 +
4	Channel 2 -	**8**	Channel 2 -

Indicators

Status	Flashing:	Normal operation	**Fault**	Off:	Normal operation
	On (static):	Card failed		On:	Fault detected
	Off (static):	Card off or card failed			

Indicators

Input voltage:	24-72VDC (48V Nominal)
Input current:	5A maximum
Protection fuse:	20A (not user replaceable)
Channel output current:	100mA to 2200mA
Output connector(s):	RJ45
Short circuit protection:	Yes
Open circuit disable:	Yes
Total capacity,	
per Card Frame chassis:	100A
per Mini Pack chassis:	75A

Summary

Card type:	Constant current
Part number:	DHDC2CHCC2.2
Channels:	2
Load:	2200mA

Drive card options

Card type	Order code
2ch 2,200mA CC	DHDC2CHCC2.2
4ch 1,500mA CC	DHDC4CHCC1.5
4ch 3,500mA CC	DHDC4CHCC3.5
8ch 700mA CC	DHDC8CHCC0.7
1ch 10A CV	DHDC1CHCV10
4ch 3A CV	DHDC4CHCV3
IPM 10A	DHDCIPM
IPM2 10A	DHDCIPM2

Specifications are subject to change without notice.

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