Drive Hub
Drive Card: 1ch 10A CV

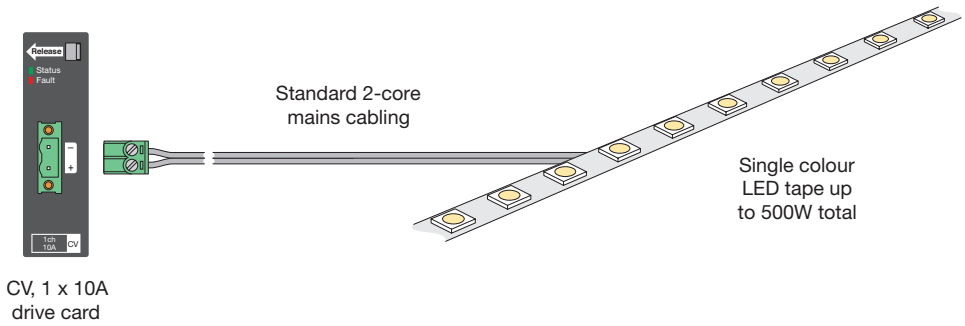
SPECIFICATION SHEET

This drive card provides a single output with a regulated current of up to 10A for use with constant voltage (CV) fixtures, such as single channel LED tapes.

The maximum output current is selectable using the rotary dial located on the card, which offers a range from 1 to 10A, in 1A steps.

The output voltage is determined by the supply from the Card Frame backplane, nominally 48VDC (the possible range is 24 to 72VDC).

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.

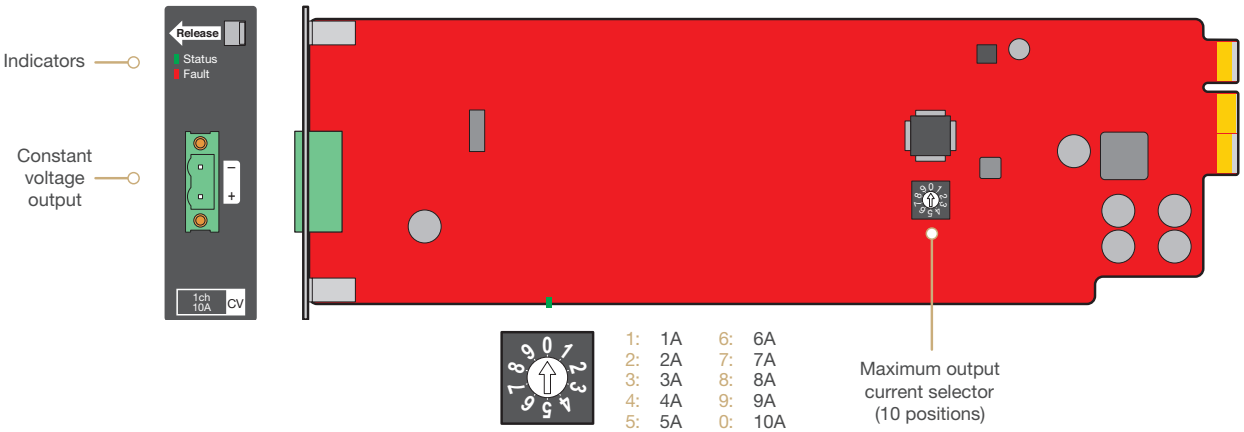


CV, 1 x 10A drive card

Key features

- Designed to supply constant voltage fixtures up to 10A (500W) in total.
- 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.
- Status and fault indications on the rear panel.

Layout Overview



Indicators

Status	Flashing:	Normal operation
	On or Off (static)	Card off or card failed
Fault	Off (static):	No fault detected
	Flashing:	Load current is roughly 95% of full capacity
	On (static):	Channel disabled due to over-current

Indicators

Input voltage:	24-72VDC (48V Nominal)
Input current:	10A maximum
Protection fuse:	20A (not user replaceable)
Channel output current:	1A to 10A (in 1A steps)
Output connector(s):	Würth Elektronik WR-TBL Series 3404 - 2-pin (7.62mm pitch, vertical with flanges)
Short circuit protection:	Yes
Open circuit disable:	Yes
Total capacity,	
per Card Frame chassis:	100A
per Mini Pack chassis:	75A

Summary

Card type:	Constant voltage
Part number:	DHDC1CHCV10
Channels:	1
Load:	10A maximum - (500W)

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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Doc: 222 • Release 1.1b
Sept 2022