DIN-Rail 8-Channel Adaptive Phase Dimmer/Forward Phase Dimmer

Wiring Guide

Supported models

- C4-DIN-8APD-E   DIN-Rail 8-Channel Adaptive Phase Dimmer
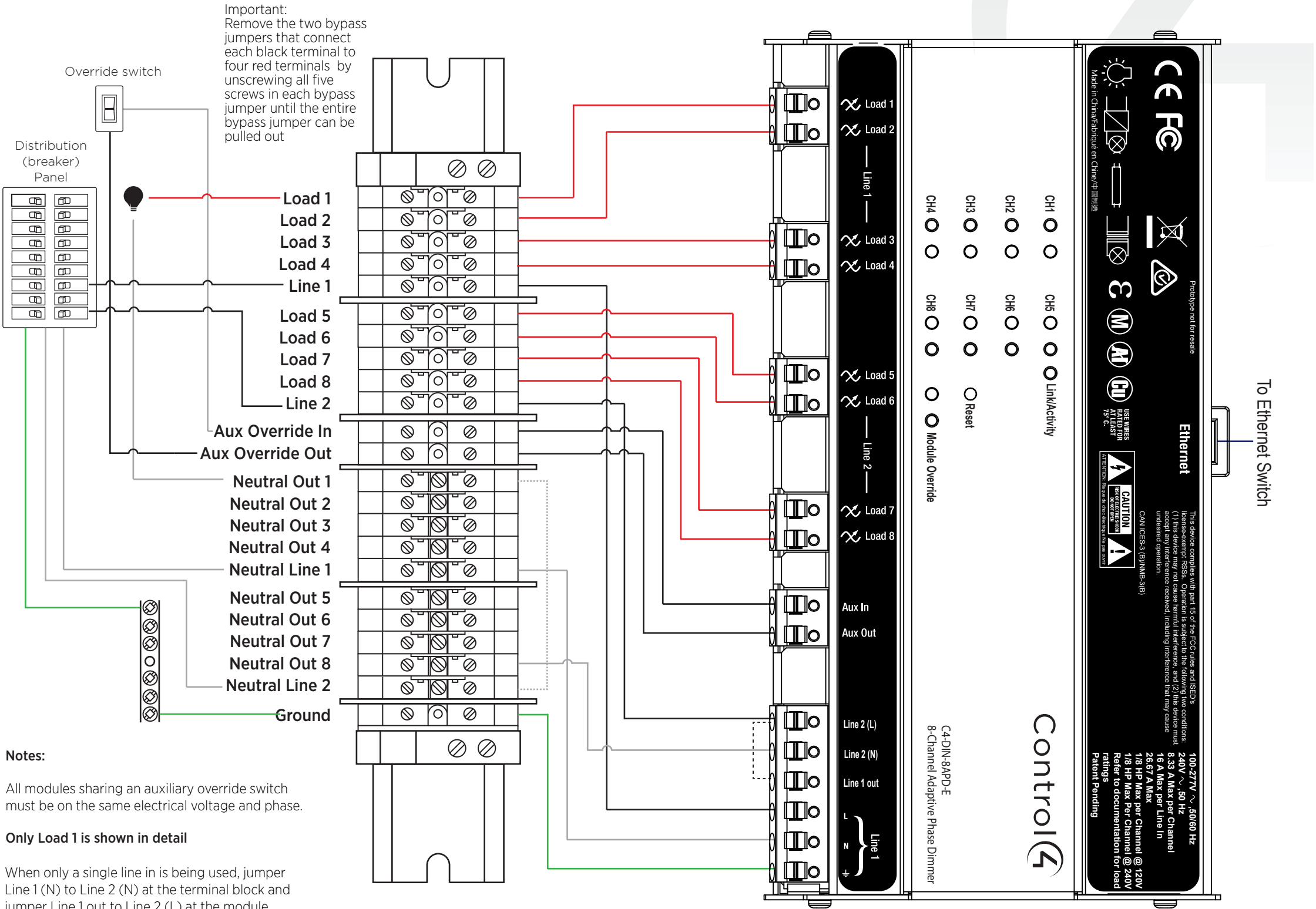- C4-DIN-8FPD-E   8-Channel Forward Phase Dimmer

Diagrams color code*:

Black	———————	Line
Red	———————	Load
Grey	———————	Neutral
Green	———————	Earth ground
Blue	———————	Ethernet

⚠ *Important! The wire colors shown in Figures 1 and 2 and in the "Diagrams color code" table are examples only. Actual wire colors differ by country and/or voltage.

Wiring diagrams

Use the Control4® *8-Channel Forward Phase Dimmer* wiring diagrams along with the *8-Channel Forward Phase Dimmer Installation Guide* to install 8-Channel Forward Phase Dimmers.

Figure 1. Wiring in Control4 panel

Important: Remove the two bypass jumpers that connect each black terminal to four red terminals by unscrewing all five screws in each bypass jumper until the entire bypass jumper can be pulled out
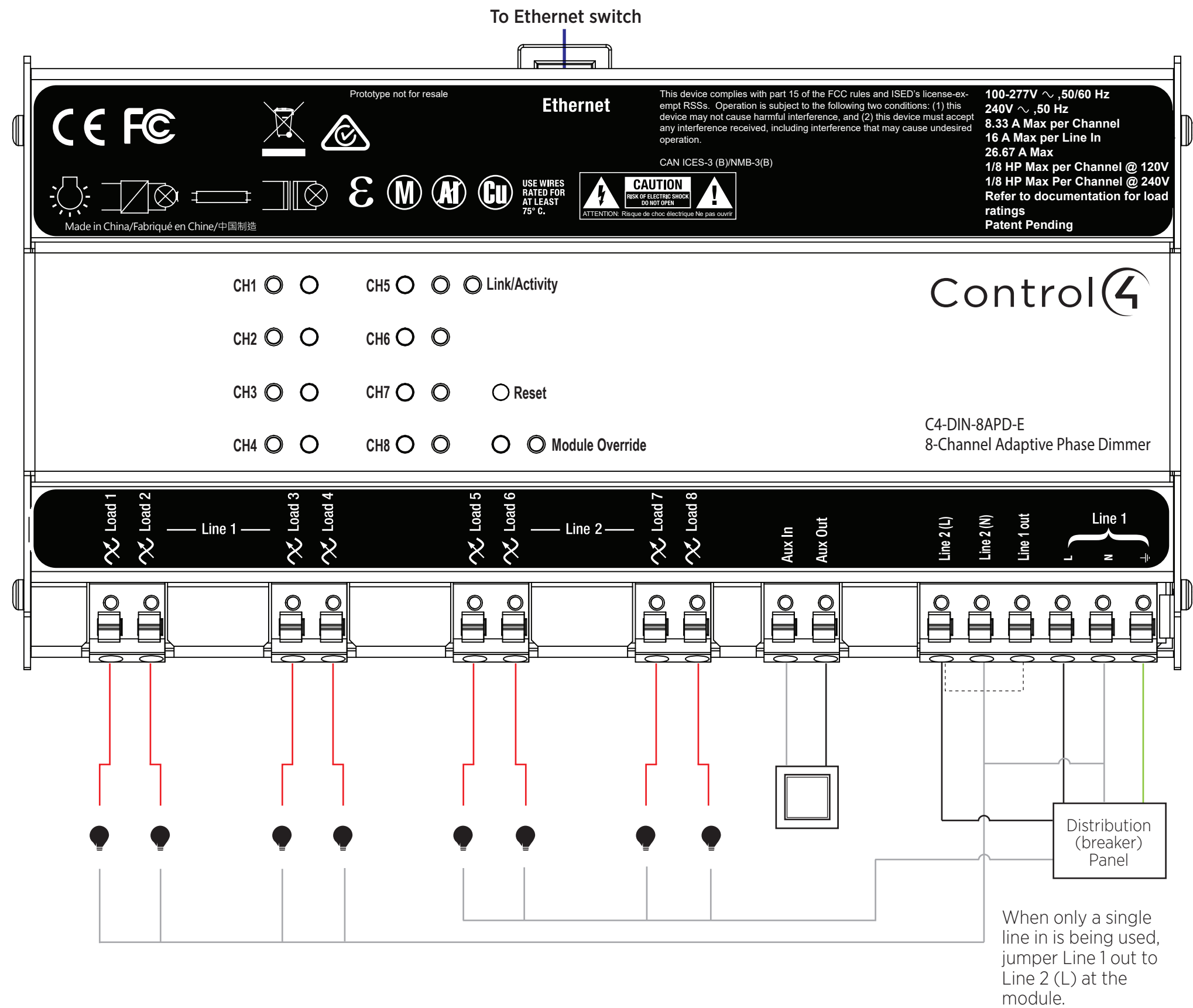
Notes:

All modules sharing an auxiliary override switch must be on the same electrical voltage and phase.

Only Load 1 is shown in detail

When only a single line in is being used, jumper Line 1 (N) to Line 2 (N) at the terminal block and jumper Line 1 out to Line 2 (L) at the module

Figure 2. Wiring in standard DIN rail panel

To Ethernet switch

Prototype not for resale

Ethernet

This device complies with part 15 of the FCC rules and ISED's license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAN ICES-3 (B)/NMB-3(B)

100-277V ～ ,50/60 Hz
240V ～ ,50 Hz
8.33 A Max per Channel
16 A Max per Line In
26.67 A Max
1/8 HP Max per Channel @ 120V
1/8 HP Max Per Channel @ 240V
Refer to documentation for load ratings
Patent Pending

USE WIRES RATED FOR AT LEAST 75° C.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
ATTENTION: Risque de choc électrique Ne pas ouvrir

Made in China/Fabriqué en Chine/中国制造

Control4

CH1 ○ ○   CH5 ○ ○ ○ Link/Activity
CH2 ○ ○   CH6 ○ ○
CH3 ○ ○   CH7 ○ ○   ○ Reset
CH4 ○ ○   CH8 ○ ○   ○ ○ Module Override

C4-DIN-8APD-E
8-Channel Adaptive Phase Dimmer

Load 1 Load 2 —— Line 1 —— Load 3 Load 4 —— Line 2 —— Load 5 Load 6 Load 7 Load 8 Aux In Aux Out Line 2 (L) Line 2 (N) Line 1 out Line 1   L N

Distribution (breaker) Panel

When only a single line in is being used, jumper Line 1 out to Line 2 (L) at the module.

Control4

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