

ACOPOS D1 总线 HDI 接线说明

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I Versions

Version	Date	Comment	Edited by
1.0.	Oct14, 2024	First Edition	Zhu Boyu

Table 1: Versions

II Distribution

Name	Company, Department	Amount	Remarks

Table 2: Distribution

III Safety Notices

Safety notices in this document are organized as follows:

Safety notice	Description
Danger!	Disregarding the safety regulations and guidelines can be life-threatening.
Warning!	Disregarding the safety regulations and guidelines can result in severe injury or heavy damage to material.
Caution!	Disregarding the safety regulations and guidelines can result in injury or damage to material.
Information:	Important information used to prevent errors.

Table 3: Safety notices

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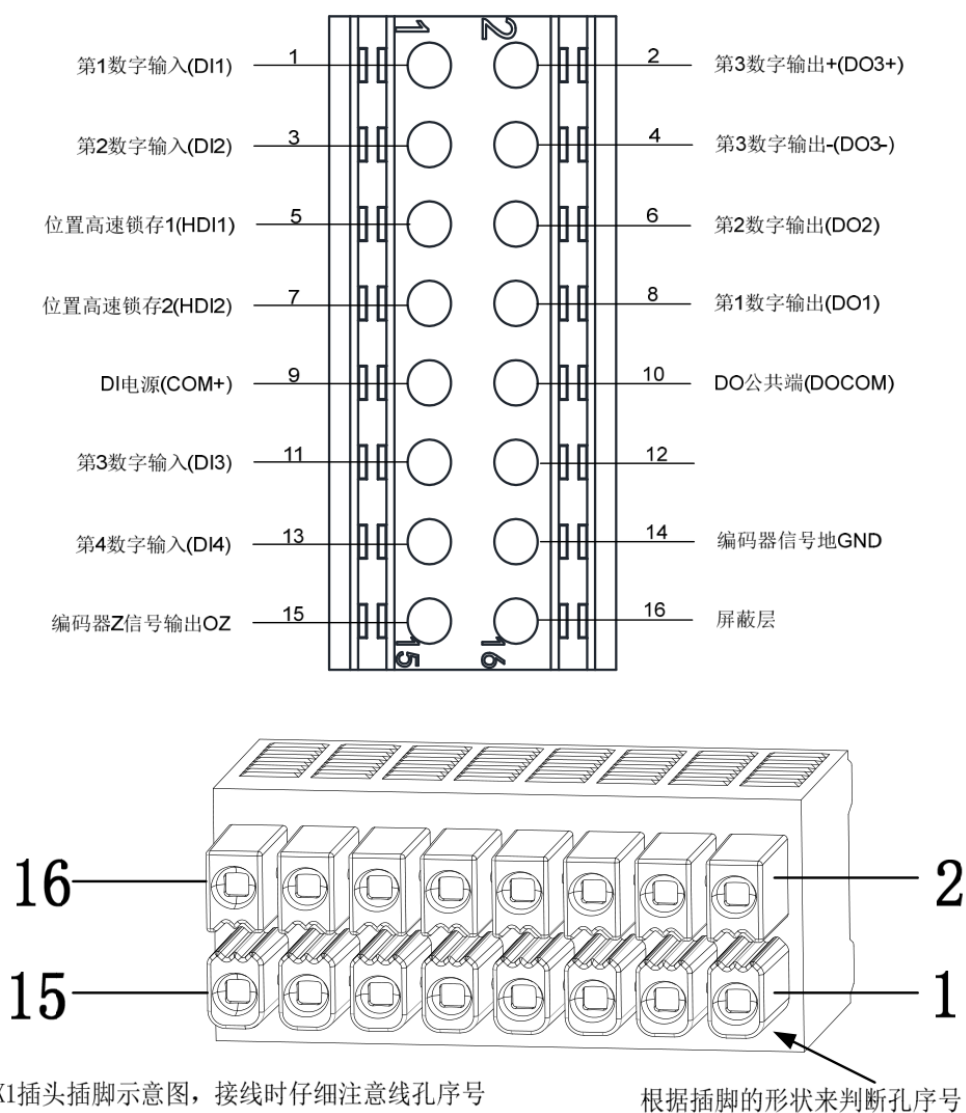
1. 适用范围

ACOPOS D1 单轴总线系列 HDI（Touch Probe 功能）接线说明，Touch Probe 功能使用说明见伺服手册“模式共通功能”→“Touch Probe 功能”。

2. 原理概述

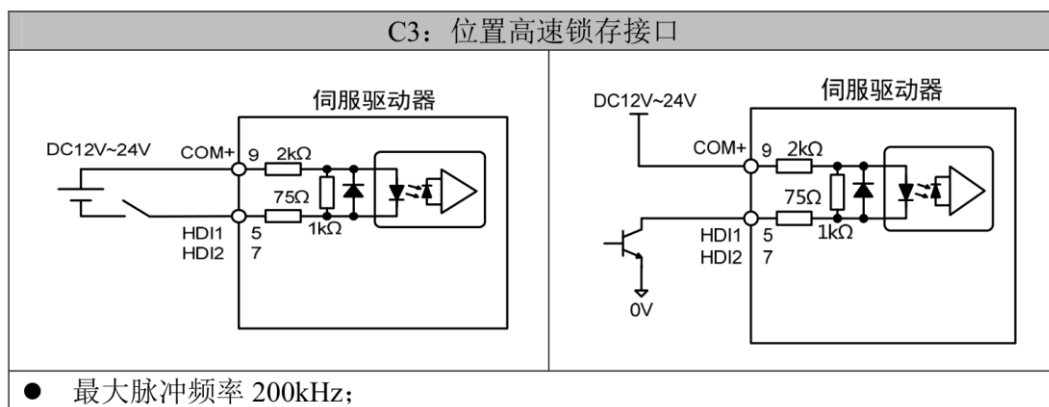
ACOPOS D1 单轴总线插头如下：

X1 端子插头采用 15EDGKNH-3.5-16P 公头，外形和针脚分布为：

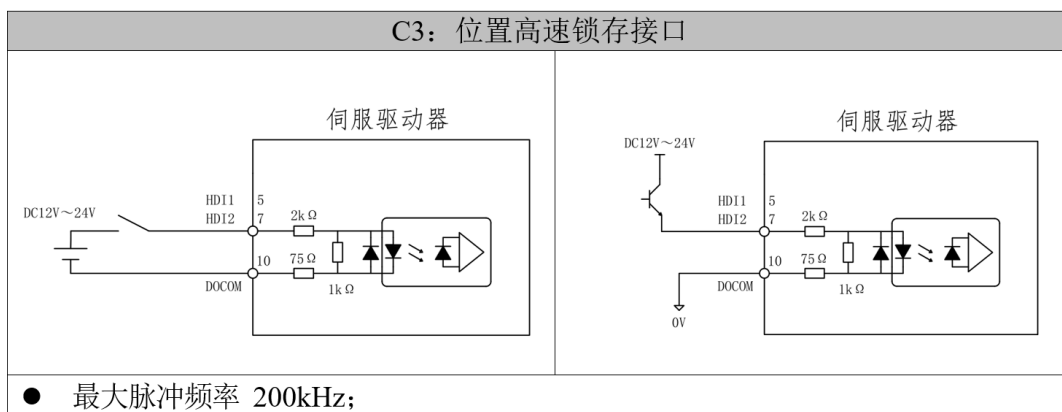


其中轻薄版（1KW 及以下功率）伺服和标准版（1KW 以上伺服）HDI 接线定义不一样。

轻薄版接线定义如下：

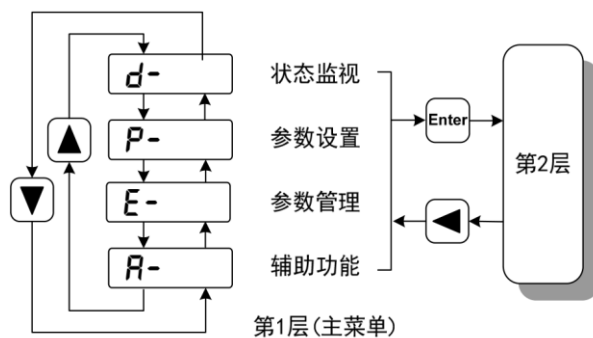


标准板接线定义如下：

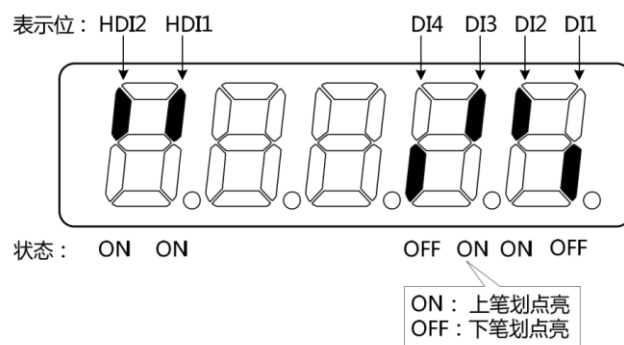


HDI 状态可在监视菜单 d-di 查看，HDI 断开，为状态“ON”，HDI 导通为状态“OFF”，如下所示：

第1层是主菜单，共有4种操作方式，用▲、▼键改变方式，按Enter键进入第2层，执行具体操作，按◀键从第2层退回主菜单。



数码管的竖线表示一位的状态，竖线上笔划点亮表示 ON，下笔划点亮表示 OFF。



注：①标准版软件版本 d-rE → re 0 为 4.4.18.1 及以前版本 HDI 断开为 OFF 状态，re 0 为 4.5.06.2 之后版本 HDI 断开为 ON 状态。