

## Accessories

### CN1 Accessories

For iX7NH series drives, two methods are available for creating I/O connections.

#### Option 1:

Terminal blocks + cables:

- [APCS-L7NCN1T-AD](#)
- [APCS-L7NCN1T01-AD](#)
- [APCS-L7NCN1T015-AD](#)
- [APCS-L7NCN1T02-AD](#)

APCS-L7NCN1T terminals ship with a universal labeling strip (A1-A10, B1-B10). A labeling template with designations specifically for the iX drive can be downloaded from any of the drive pages or the terminal block page ([www.automationdirect.com/pn/apcs-l7ncn1t-ad](http://www.automationdirect.com/pn/apcs-l7ncn1t-ad)).



**[APCS-L7NCN1T-AD](#)**



**[APCS-CN101A-AD](#)**

#### Option 2:

Flying lead cables:

- [APCS-CN101A-AD](#)
- [APCS-CN102A-AD](#)
- [APCS-CN103A-AD](#)

| Part Number                        | Price       | Description                                                                                                          | Cable Length      | Drawing             | Compatible Drives |
|------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|-------------------|
| <a href="#">APCS-L7NCN1T-AD</a>    | \$,5!~x:    | LS Electric CN1 feedthrough terminal block, 20-pole, DIN rail mount. For use with all LS Electric iX7 series drives. | 0.5 m<br>[1.6 ft] | <a href="#">PDF</a> | All iX7NH drives  |
| <a href="#">APCS-L7NCN1T01-AD</a>  | \$,5!~y:    |                                                                                                                      | 1.0 m<br>[3.2 ft] | <a href="#">PDF</a> |                   |
| <a href="#">APCS-L7NCN1T015-AD</a> | \$,5!~z:    |                                                                                                                      | 1.5 m<br>[4.9 ft] | <a href="#">PDF</a> |                   |
| <a href="#">APCS-L7NCN1T02-AD</a>  | \$,;5!~?]:  |                                                                                                                      | 2.0 m<br>[6.5 ft] | <a href="#">PDF</a> |                   |
| <a href="#">APCS-CN101A-AD</a>     | \$,5!~?_:   | LS Electric CN1 control cable, 20-pin connector to pigtail.                                                          | 1.0 m<br>[3.2 ft] | <a href="#">PDF</a> |                   |
| <a href="#">APCS-CN102A-AD</a>     | \$,5!~?#:   |                                                                                                                      | 2.0 m<br>[6.5 ft] | <a href="#">PDF</a> |                   |
| <a href="#">APCS-CN103A-AD</a>     | \$,;5!~?!:: |                                                                                                                      | 3.0 m<br>[9.8 ft] | <a href="#">PDF</a> |                   |



# iX7NH Series Accessories

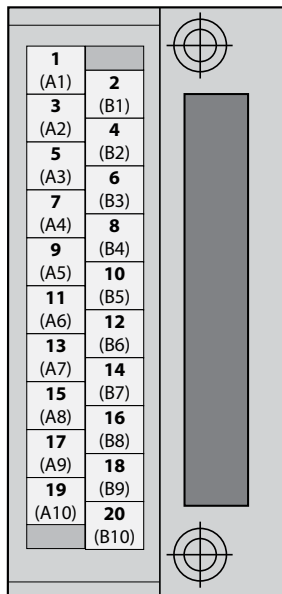
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### iX7NH Terminal Assignment Table



**CAUTION:** This terminal assignment table is for use with iX7NH drives ONLY. Using this table with non-iX7NH series drives could damage your equipment as terminal assignments are different for each drive series.

#### APCS-L7NCN1Txxx-AD



You can download a printable terminal label at  
<https://www.automationdirect.com/pn/APCS-L7NCN1T-AD>

| iX7NH Drive Terminal Assignments |                      |             |            |              |                   |
|----------------------------------|----------------------|-------------|------------|--------------|-------------------|
| Terminal                         | Drive I/O Pin/Wire # | Description | Wire Color | Stripe Color | Number of Stripes |
| A1                               | 1                    | DO1         | Yellow     | Black        | 1                 |
| B1                               | 2                    | DOCOM       | Yellow     | Red          | 1                 |
| A2                               | 3                    | DO2         | Yellow     | Black        | 2                 |
| B2                               | 4                    | DO3         | Yellow     | Red          | 2                 |
| A3                               | 5                    | AGND        | Yellow     | Black        | 3                 |
| B3                               | 6                    | +24V        | Yellow     | Red          | 3                 |
| A4                               | 7                    | DI3         | Yellow     | Black        | 4                 |
| B4                               | 8                    | DI4         | Yellow     | Red          | 4                 |
| A5                               | 9                    | AO          | Yellow     | Black        | 5                 |
| B5                               | 10                   | /AO         | Yellow     | Red          | 5                 |
| A6                               | 11                   | DI1         | White      | Black        | 1                 |
| B6                               | 12                   | DI2         | White      | Red          | 1                 |
| A7                               | 13                   | DI5         | White      | Black        | 2                 |
| B7                               | 14                   | DI6         | White      | Red          | 2                 |
| A8                               | 15                   | A-TLMT      | White      | Black        | 3                 |
| B8                               | 16                   | GND         | White      | Red          | 3                 |
| A9                               | 17                   | ZO          | White      | Black        | 4                 |
| B9                               | 18                   | /ZO         | White      | Red          | 4                 |
| A10                              | 19                   | BO          | White      | Black        | 5                 |
| B10                              | 20                   | /BO         | White      | Red          | 5                 |