

# ABB BALDOR RELIANCE III

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## Customer information packet

### HDS100-0206AEKNN

HDS100-0206AEKNN, INCR.ENCODER, KEY, 230V

**Specifications**

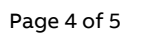
|                             |             |
|-----------------------------|-------------|
| Bearing Grease Type         | Polyrex EM  |
| Dimensional Drawing Numbers | HD100LYA001 |
| Nameplate Amps              | 3.2         |

**Part Detail**

|              |             |
|--------------|-------------|
| Revision     | F           |
| Type         |             |
| Mech. spec.  |             |
| Base         |             |
| Status       | PRD/A       |
| Elec. spec.  |             |
| Layout       | HD100LYA001 |
| Eff. date    | 04-09-2018  |
| CD Diagram   |             |
| Poles        |             |
| Leads        |             |
| Proprietary  | False       |
| Created date | 08-15-2017  |

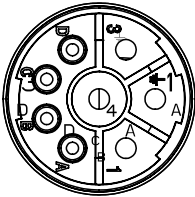
**Nameplate**

| LB1577T01 |                  |    |    |     |          |       |      |   |  |
|-----------|------------------|----|----|-----|----------|-------|------|---|--|
| MODEL:    | HDS100-0206AEKNN |    |    |     |          |       |      |   |  |
| PN        | 0.6              | KW | TO | 2.0 | N.M      | IO    | 3.2  | A |  |
| U         | 230              | V  | TP | 6.0 | N.M      | IP    | 11.0 | A |  |
| NN/N MAX  | 3000/4000        |    |    | RPM | 3XPTC130 |       |      |   |  |
| FBK       | ENC              |    |    | IP  | IP54     | INS F |      |   |  |
| BRK:      | VDC/             |    |    |     | N.M      |       |      |   |  |
| S/N       |                  |    |    |     |          |       |      |   |  |



CD2167A03

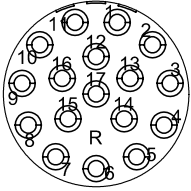
04



WD1456A26  
(PLUG SIDE)

| PIN | FUNCTION    | COLOR        |
|-----|-------------|--------------|
| 1   | U (R)       | BLACK        |
| 2   | GROUND (PE) | YELLOW/GREEN |
| 3   | W (T)       | BLUE         |
| 4   | V (S)       | RED          |
| A   | PTC         | BLUE BLACK   |
| B   | PTC         | BLUE         |
| C   | BRAKE       | RED          |
| D   | BRAKE       | BLUE         |

04



WD1456A21  
WD1456A06  
(PLUG SIDE)

| PIN | FUNCTION       | COLOR        | PIN | FUNCTION       | COLOR       |
|-----|----------------|--------------|-----|----------------|-------------|
| 1   | DC+5V          | RED          | 10  | U              | BROWN       |
| 2   | GND            | BLACK        | 11  | $\overline{U}$ | BROWN/BLACK |
| 3   | A              | BLUE         | 12  | V              | GRAY        |
| 4   | $\overline{A}$ | BLUE/BLACK   | 13  | $\overline{V}$ | GRAY/BLACK  |
| 5   | B              | GREEN        | 14  | W              | WHITE       |
| 6   | $\overline{B}$ | GREEN/BLACK  | 15  | $\overline{W}$ | WHITE/BLACK |
| 7   | Z              | YELLOW       | 16  | -              | -           |
| 8   | $\overline{Z}$ | YELLOW/BLACK | 17  |                |             |
| 9   | -              | -            |     |                |             |

|                               |                     |                              |                   |
|-------------------------------|---------------------|------------------------------|-------------------|
| REV. DESC: CHANGE DESCRIPTION |                     |                              |                   |
| REV: E                        | VERSION: 05         | REVISED: 03:49:58 12/23/2024 | TDR: 000001247054 |
| CD2167A03                     | MODEL NO. CD2167A03 |                              | REF: -            |
|                               | BY: CNCONIE         | Material: -                  |                   |

**BALDOR**

CONNECTION DIAGRAM,POWER &INC. ENCODER

CD2167A03