

# **ABB BALDOR RELIANCE III**

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## **Customer information packet**

3AUA0000132238

ACB530-U1-012A-2

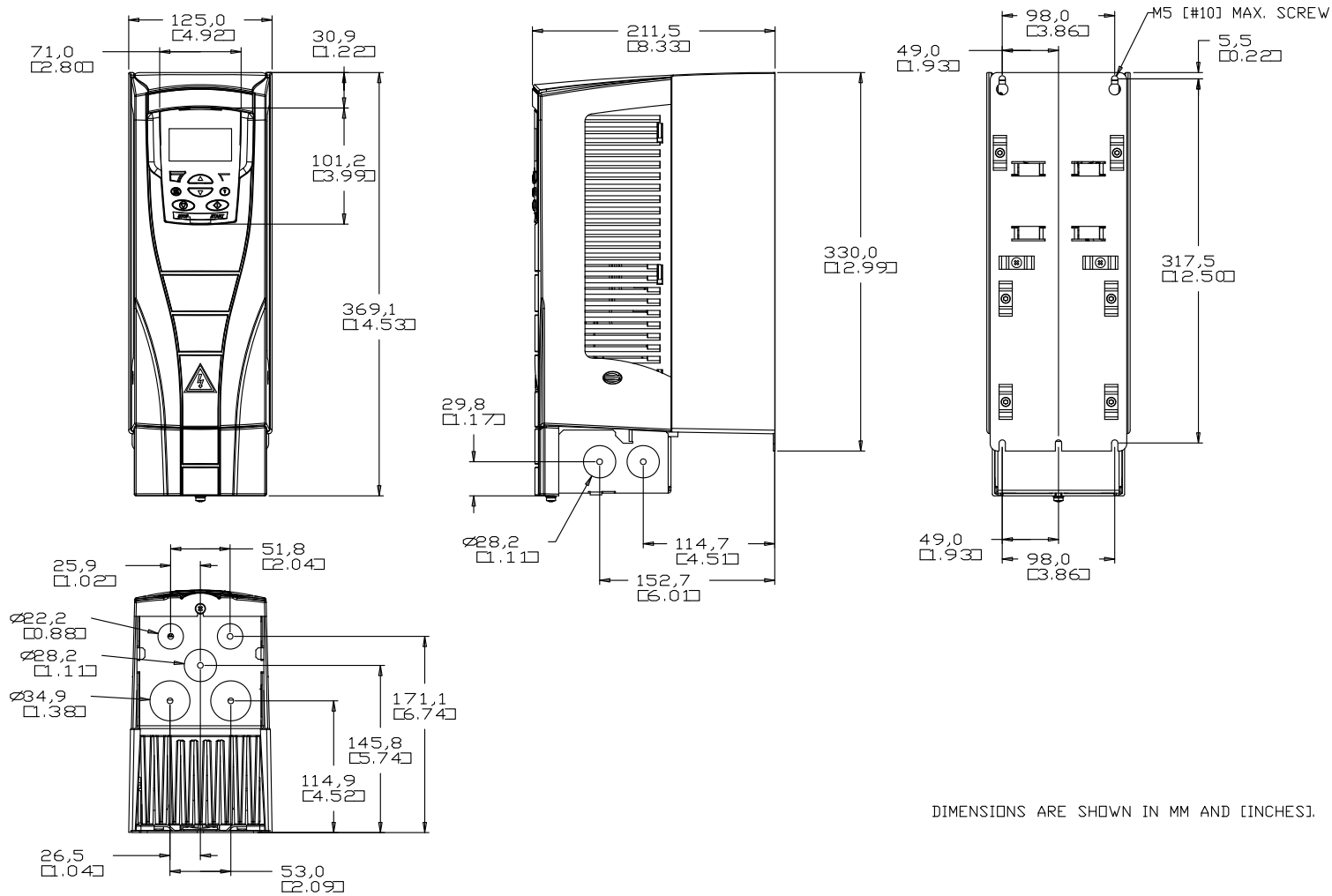
**Specifications**

|                                       |                    |
|---------------------------------------|--------------------|
| <b>Base Type Code</b>                 | ACB530-U1-012A-2   |
| <b>Enclosure</b>                      | IP21, UL TYPE 1    |
| <b>Frame</b>                          | R1                 |
| <b>Input Phase</b>                    | 3                  |
| <b>Mounting Method</b>                | WALL MOUNTED       |
| <b>Normal Duty Continuous Current</b> | 11.80 a            |
| <b>Normal Duty Power</b>              | 3.00 HP            |
| <b>Output Phase</b>                   | 3                  |
| <b>Product Series</b>                 | BALDOR 530         |
| <b>Rated Input Voltage</b>            | 240.00 V           |
| <b>ACB Block Diagram</b>              | 3AUA0000135120.PDF |
| <b>Dimensional Drawing Numbers</b>    | 3AUA0000133468.PDF |
| <b>Heavy Duty Continuous Current</b>  | 7.50 a             |
| <b>Heavy Duty Power</b>               | 2.00 HP            |
| <b>Input Current Constant Torque</b>  | 11.80 a            |
| <b>Input Frequency Max.</b>           | 63 Hz              |
| <b>Input Frequency Min.</b>           | 48 Hz              |
| <b>Input Voltage Max.</b>             | 240.00 V           |
| <b>Input Voltage Min.</b>             | 208.00 V           |
| <b>Output Frequency Max.</b>          | 500 Hz             |
| <b>Rated Output Voltage Max.</b>      | 240.00 V           |

**Accessories**

| Part number     | Description                         | Multiplier |
|-----------------|-------------------------------------|------------|
| 3AUA00000003489 | OHDI-01 KIT 115/230V DIGITAL INPUT  |            |
| 3AUA00000013086 | OPMP-01 KIT PANEL MOUNTING PLATFORM |            |
| 3AUA00000002388 | OCAT-01 CABLE,ETHERNET,CAT5         | EG         |
| 68294673        | ACS/H-CP-EXT PANEL KIT              | ES         |
| 68829593        | ACS/H-CP-EXT-IP66 PANEL KIT         | EG         |
| 64606891        | RDNA-01 DEVICENET OPTION/SP KIT     | EG         |
| 64606859        | RPBA-01 PROFIBUS-DP ADAPTER-KIT     | EG         |
| 64751727        | RETA-01 ETHERNET ADAPTOR MODULE KIT | CM         |
| 64751701        | BAC, RCNA-01 Option                 | CT         |
| 3AUA00000045102 | RECA-01 ETHERCAT MODULE KIT         | EG         |
| 3AUA00000006788 | FMK-A-R1 FLANGE MNT KIT, IP21, R1   | EG         |
| 3AUA00000131700 | ACB-CP-BA CONTROL PANEL             |            |
| 3AUA00000014990 | ABB-48431-020                       |            |
| 3AUA00000015004 | ABB-48431-021                       |            |
| 3AUA00000064062 | P14494-CR-12                        |            |
| 3AUA00000064074 | P14494-CR-24                        |            |
| 3AUA00000064083 | P14494-CR-32                        | EF         |

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DIMENSIONS ARE SHOWN IN MM AND [INCHES].

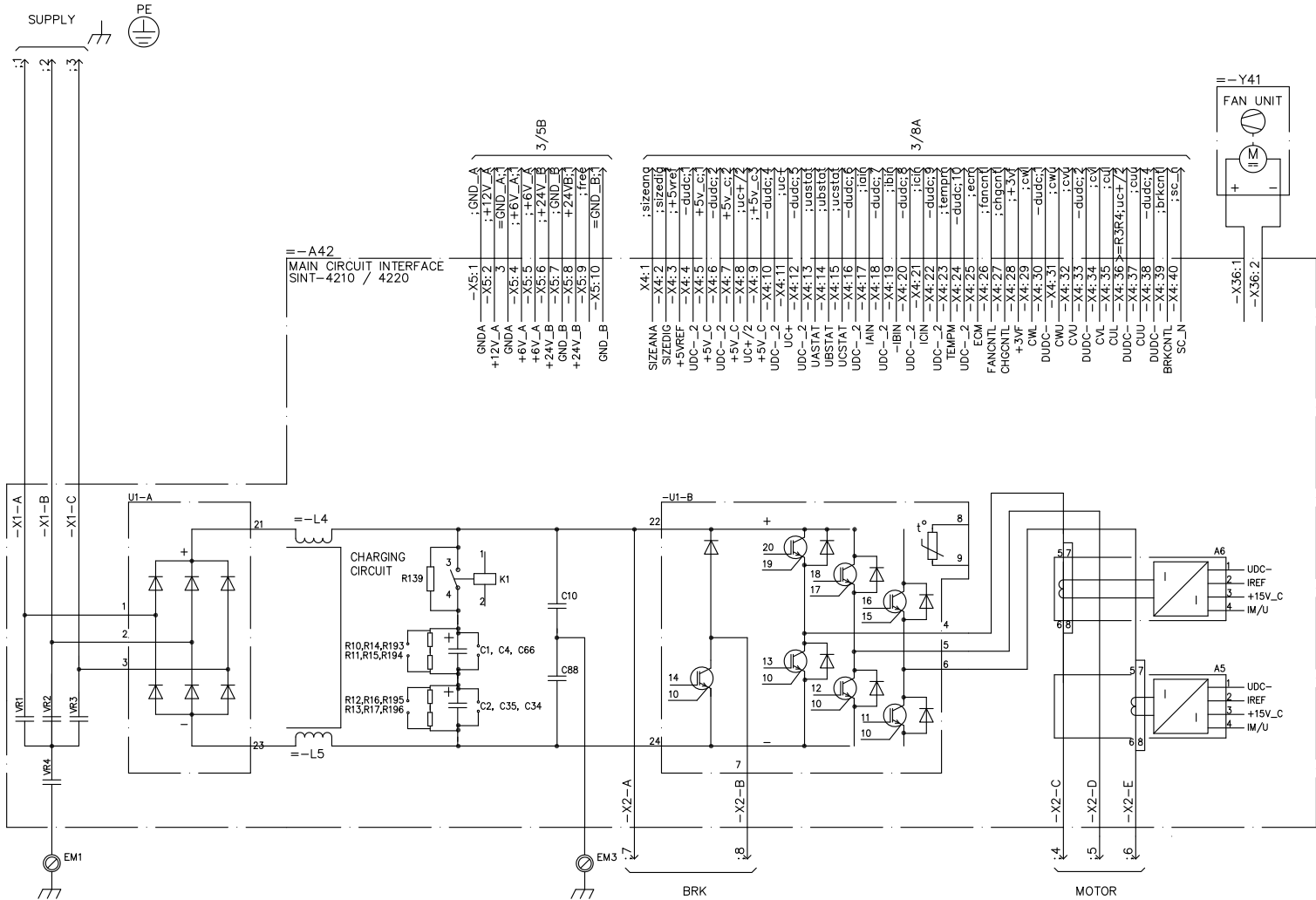
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| REV. DESC: INITIAL RELEASE |                   |                |
| REV. LTR: A                | VERSION: A        | TDR: M. KENYON |
| FILE: 3AUA0000133468       | REVISED: 11/27/12 | BY: J. GEISS   |
| MTL: 3AUA0000133486        |                   |                |

**BALDOR**

DRAWING, DIMENSIONAL  
ACB530, R1, IP21

3AUA0000133468

3AUA0000135120



|                            |                   |                |
|----------------------------|-------------------|----------------|
| REV. DESC: INITIAL RELEASE |                   |                |
| REV. LTR: A                | VERSION: A        | TDR: M. KENYON |
| FILE: 3AUA0000135120       | REVISED: 12-20-12 | BY: J. GEISS   |
| MTL: 3AUA0000135120        |                   |                |

**BALDOR**

DIAGRAM, BLOCK  
ACB530, R1/R2

3AUA0000135120