**Alpha 30**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Code** | **AP30-** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **XX** | **X** | **XX** | **XX** |
| **Accuracy Class** | Accuracy 1.0% 1 | |  |  | W | R |  |  | 0 |  |  |  |
| Accuracy 0.5% 5 | |
| Accuracy 0.2% 2 | |
| **System Type**  **Input Voltage/Current**  **Power Supply** | 3Phase | | 3 |
| 1Phase | | 1 |
| (As per Table A) | |  | X |
| 100-250V AC/DC +/-10% | | | |
| 12-48V DC +/-10% | | | | D |
| **Communication Port** | RS485 | | | | |
| Ethernet | | | | | E |
| Without RS485 /Ethernet | | | | | Z |
| **Pulse output** | One Pulse | | | | | | S |
| Two Pulse | | | | | | D |
| No Pulse | | | | | | Z |
| **Analog Output** | 2x (0–1 mA) | | | | | | | 1 |
| 2x (4–20 mA) | | | | | | | 2 |
| Without Analog Output | | | | | | | Z |
| **Display** | With display | | | | | | | |
| Without display | | | | | | | | 1 |
| **Input frequency** | 50 or 60Hz | | | | | | | | | 0 |
| 400Hz | | | | | | | | | 4 |
| **Version** | Standard | | | | | | | | | | 00 |
| **Housing Type** | DIN | | | | | | | | | | | 00 |

**Table A for AP30**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Voltage & Current** | **Code** | **Voltage & Current** | **Code** | **Voltage & Current** | **Code** |
| 120V L-N 1/5A | J | 150V L-L 1/5A | K | 415V L-L 1/5A | D |
| 150V L-N 1/5A | O | 208V L-L 1/5A | 8 | 440V L-L 1/5A | E |
| 208V L-N 1/5A | P | 277V L-L 1/5A | L | 480V L-L 1/5A | G |
| 120V L-L 1/5A | N | 400V L-L 1/5A | C |  |  |

**Commonly used Codes for Alpha 30-**

|  |  |
| --- | --- |
| AP30-21JDZZZ000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:12-48V DC; 0.2 Accuracy |
| AP30-21JUZZZ000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; 0.2 Accuracy |
| AP30-21JURZZ000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 0.2 Accuracy |
| AP30-21JURDZ000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.2 Accuracy |
| AP30-21JURZ2000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.2 Accuracy |
| AP30-21JURS2000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.2 Accuracy |
| AP30-23JDZZZ000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:12-48V DC; 0.2 Accuracy |
| AP30-23JUZZZ000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; 0.2 Accuracy |
| AP30-23JURZZ000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 0.2 Accuracy |
| AP30-23JURDZ000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.2 Accuracy |
| AP30-23JURZ2000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.2 Accuracy |
| AP30-23JURS2000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.2 Accuracy |
| AP30-238DZZZ000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:12-48V DC; 0.2 Accuracy |
| AP30-238UZZZ000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; 0.2 Accuracy |
| AP30-238URZZ000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 0.2 Accuracy |
| AP30-238URDZ000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.2 Accuracy |
| AP30-238URZ2000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.2 Accuracy |
| AP30-238URS2000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.2 Accuracy |
| AP30-23GDZZZ000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:12-48V DC; 0.2 Accuracy |
| AP30-23GUZZZ000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; 0.2 Accuracy |
| AP30-23GURZZ000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 0.2 Accuracy |
| AP30-23GURDZ000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.2 Accuracy |
| AP30-23GURZ2000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.2 Accuracy |
| AP30-23GURS2000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.2 Accuracy |
| AP30-23GDZZZ400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:12-48V DC; 0.2 Accuracy; 400 Hz |
| AP30-23GUZZZ400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; 0.2 Accuracy; 400 Hz |
| AP30-23GURZZ400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 0.2 Accuracy; 400 Hz |
| AP30-23GURDZ400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.2 Accuracy; 400 Hz |
| AP30-23GURZ2400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.2 Accuracy; 400 Hz |
| AP30-23GURS2400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.2 Acc; 400 Hz |
| AP30-23EURZZ100000 | Sys:3Ph; I/P:440V, 1/5A; Aux:100-250V ACDC; RS485; 0.2 Accuracy Without Display |
| AP30-23EUEZZ000000 | Sys:3Ph; I/P: 440V, 1/5A; Aux:100-250V ACDC; Ethernet, 0.2 Accuracy |