**Alpha 50**

**AP50- Touch Screen Meter**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Code** | **AP50-** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **XXX** | **X** | **XX** |
| **System Type** | 3 Phase (Pr. 3W or 4W) 3 | |  |  |  |  |  |  |  |  |  |
| 1 Phase 1 | |
| **Input Voltage** | Input Voltage & Current X  (As per Table C) | | |
| **Power Supply** | 12-48V DC | | | D |
| 60-300V ACDC | | | V |
| 20-40V AC / 20-60V DC | | | G |
| **Communication Port** | With RS485 | | | | R |
| Without RS485/ Ethernet | | | | Z |
| Ethernet | | | | E |
| **Pulse output** | 1 Pulse output | | | | | S |
| 2 Pulse output | | | | | D |
| Pulse O/P not used | | | | | Z |
| **Analog Output** | 2 outputs ( 0–1mA ) | | | | | | 1 |
| 2 outputs ( 4–20 mA ) | | | | | | 2 |
| Without output | | | | | | Z |
| **Accuracy** | Accuracy 0.5% | | | | | | | **0** |
| Accuracy 0.2% | | | | | | | 2 |
| **Version** | Standard | | | | | | | | 000 |
| **Input Frequency** | 50 or 60Hz | | | | | | | | | 0 |
| 400Hz | | | | | | | | | 4 |
| **Housing Type** | DIN | | | | | | | | | | 00 |

**Table C for Alpha 50**

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| --- | --- | --- | --- |
| **Voltage & Current** | **Code** | **Voltage & Current** | **Code** |
| 110V L-N, 1/5A | 1 | 380V L-L 1/5A | C |
| 230V L-N, 1/5A | 3 | 400V L-L 1/5A | D |
| 110V L-L 1/5A | 6 | 415V L-L 1/5A | E |
| 220V L-L 1/5A | 9 | 440v L-L 1/5A | F |
| 230V L-L 1/5A | A |  |  |

**Commonly used codes for Alpha 50-**

|  |  |
| --- | --- |
| AP50-1JDZZZ0000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:12-48V DC; 0.5 Accuracy |
| AP50-1JUZZZ0000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; 0.5 Accuracy |
| AP50-1JURZZ0000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 0.5 Accuracy |
| AP50-1JURDZ0000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.5 Accuracy |
| AP50-1JURZ20000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.5 Accuracy |
| AP50-1JURS20000000 | Sys:1Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.5 Accuracy |
| AP50-3JDZZZ0000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:12-48V DC; 0.5 Accuracy |
| AP50-3JUZZZ0000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; 0.5 Accuracy |
| AP50-3JURZZ0000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 0.5 Accuracy |
| AP50-3JURDZ0000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.5 Accuracy |
| AP50-3JURZ20000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.5 Accuracy |
| AP50-3JURS20000000 | Sys:3Ph; I/P:120V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.5 Accuracy |
| AP50-38DZZZ0000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:12-48V DC; 0.5 Accuracy |
| AP50-38UZZZ0000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; 0.5 Accuracy |
| AP50-38URZZ0000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 0.5 Accuracy |
| AP50-38URDZ0000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.5 Accuracy |
| AP50-38URZ20000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.5 Accuracy |
| AP50-38URS20000000 | Sys:3Ph; I/P:208V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.5 Accuracy |
| AP50-3GDZZZ0000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:12-48V DC; 0.5 Accuracy |
| AP50-3GUZZZ0000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; 0.5 Accuracy |
| AP50-3GURZZ0000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 0.5 Accuracy |
| AP50-3GURDZ0000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.5 Accuracy |
| AP50-3GURZ20000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.5 Accuracy |
| AP50-3GURS20000000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.5 Accuracy |
| AP50-3GUZZZ0400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; 0.5 Accuracy; 400 Hz |
| AP50-3GURZZ0400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 0.5 Accuracy; 400 Hz |
| AP50-3GURDZ0400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Pulse O/P; 0.5 Accuracy; 400 Hz |
| AP50-3GURZ20400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 2 Analog O/P; 0.5 Accuracy; 400 Hz |
| AP50-3GURS20400000 | Sys:3Ph; I/P:480V, 1/5A; Aux:100-250V ACDC; RS 485; 1 Pulse; 2 Analog O/P; 0.5 Acc; 400 Hz |
| AP50-3FUEZZ0000000 | Sys:3Ph; I/P: 440V, 1/5A; Aux: 100-250V ACDC, Ethernet, 0.2 Accuracy |