**Alpha 45**

**AP45 - Digital LED Counter Type Energy Meter**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Code** | **AP45- X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **XXXXX** |
| **System Type Input Voltage** | 3 Phase (Pr. 3W or 4W) 3 |  |  |  |  |  |  |  |  |
| 1 Phase 1 |
| (As per Table B) | X |
| **Input Current** | 5A | 5 |
| 1A | 1 |
| **Power Supply** | 110V AC- 15% / +20% | L |
| 230V AC -15% / +20% | M |
| 380VAC -15% / +20% | H |
| 100 - 250V AC/DC +/- 10% | U |
| 45 - 450V AC/DC | W |
| 12V - 48V V DC | D |
| Self-Powered | S |
| **Pulse output** | 1 Pulse output | S |
| Pulse O/P not used | Z |
| **Communication Port** | RS485 | R |
| Without RS485 /Ethernet | Z |
| **Terminal Sealing** | With Terminal Sealing | 1 |
| Without Terminal Sealing | Z |
| **Accuracy Class** | Class 1 | 1 |  |
| Class 0.5 | 5 |  |
| **Version** | Standard | 00000 |

 **Table B for AP45**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Voltage & Current** | **Code** | **Voltage & Current** | **Code** | **Voltage & Current** | **Code** |
| 220V L-N | 1 | 110V L-L | 6 | 400V L-L | B |
| 230V L-N | 2 | 220V L-L | 7 | 415V L-L | C |
| 240V L-N | 3 | 230V L-L | 8 | 440V L-L | D |
| 300VL-N | 4 | 240V L-L | 9 | 480V L-L | E |
| 100VL-L | 5 | 380V L-L | A | - | - |