**Questionnaire for installation Newton ICV**

**(integrator of currents and voltages)**

|  |  |
| --- | --- |
| Company |  |
| The address |  |
| Contact person / position |  |
| Phone |  |
| Email mail |  |
| Date of completion |  |

It is recommended to select electrical equipment for ICV installation based on the conditions:

- the highest power, low power factor, the presence in the network of harmful harmonics and pulses from frequency converters, sudden surges of currents, voltages, etc.

- work with variable load, frequent switching on and off

- the duration of operation, the unit responsible for the technology

- significant heating of the windings of electrical equipment and elements of the internal network

- periodic failure of the motor windings;

- periodic failure of the control gear.

**common data**

|  |  |
| --- | --- |
| Type of electrical equipment |  |
| Electrical equipment model |  |
| Factory number |  |

**Technical characteristics of electrical equipment**

|  |  |
| --- | --- |
| Rated voltage (Unom) 0.4 / 6 / 10kV |   |
| Rated power (Rnom), kW\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Number of revolutions per minute, rpm | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Power factor (cos φ) nominal |  |
| Rated current (I nom), A |  |
| Power factor (cos φ) at idle speed, if possible |  |
| Power factor (cos φ) under load if possible |  |

**When connecting ICV to an induction motor**

|  |  |
| --- | --- |
| Характер нагрузки (привод насоса, вентилятора, станка, транспортера и проч.) |  |

**Electrical equipment utilization rate**

|  |  |
| --- | --- |
| Working time, hours per day, days per year |   |
| Load factor for power from R nom,% |  |

**Installation site description**

|  |  |
| --- | --- |
| Possibility of installing a metering unit in the immediate vicinity of the EO (up to 3m), yes / no |   |
| The presence of aggressive environments (moisture, gases, acid, dust, vibration, etc.) |  |

Please send the completed table to: newtocoating@gmail.com