

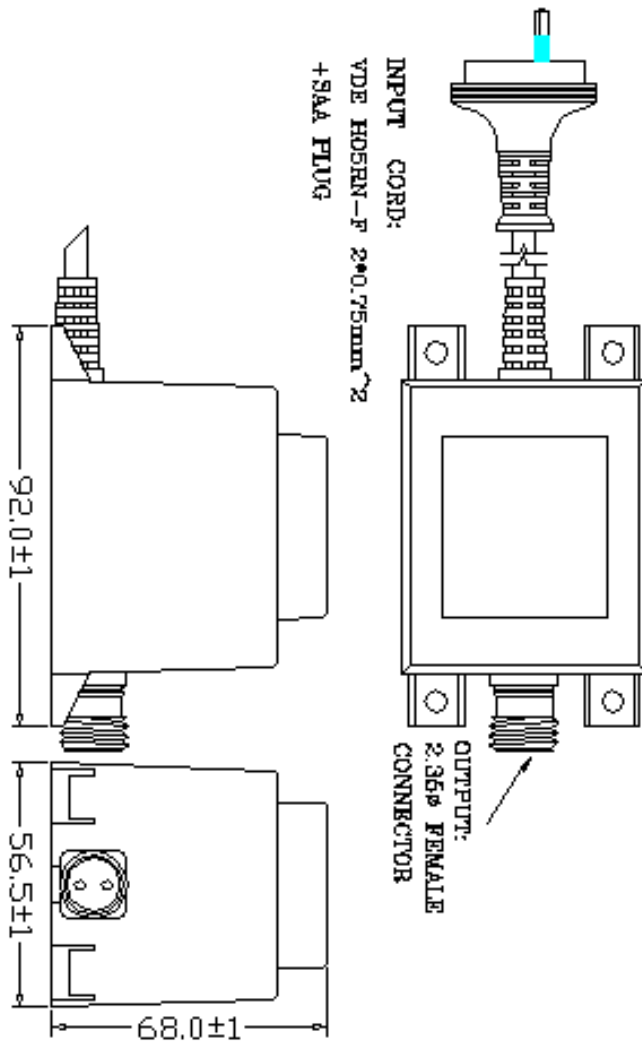
TDC Power Products Co.,Ltd

**DS-45-24W**

INPUT VOLTAGE **240VAC**  
 OUTPUT VOLTAGE **24VAC**

**ELECTRICAL & MECHANICAL SPECIFICATION**

**N16803**



**ELECTRONICAL SPECIFICATION**

|                                 |              |          |
|---------------------------------|--------------|----------|
| Input Voltage                   | <b>240</b>   | Volts    |
| Frequency (Hz)                  | <b>50</b>    | Hz       |
| Power Rated (W)                 | <b>52</b>    | W        |
| Exciting Current With No load   | <b>90</b>    | mA Max   |
| Exciting Current With Full load | <b>260</b>   | mA Max   |
| Output Voltage                  | <b>24.0</b>  | Volts±5% |
| Output Current                  | <b>1.875</b> | Amp      |
| Output Voltage Without Load     | <b>26.5</b>  | Volts±5% |

**HI-POT :**

|                  |                |       |
|------------------|----------------|-------|
| Test Time        | <b>1</b>       | Min   |
| PRI TO SEC       | <b>3750</b>    | Volts |
| PRI TO CORE      | <b>3750</b>    | Volts |
| SEC TO CORE      | <b>1250</b>    | Volts |
| Efficiency       | <b>80</b>      | %     |
| Insulation Class | <b>B (130)</b> | °C    |

**MECHANICAL SPECIFICATION**

|                          |                       |    |
|--------------------------|-----------------------|----|
| Dimensions (L*W*H)       | <b>92.0*56.5*68.0</b> | mm |
| Weight                   | <b>1100</b>           | g  |
| Environment:             |                       |    |
| Operating Temperature    | <b>-10 To 40</b>      | °C |
| Storage Temperature      | <b>-20 To 70</b>      | °C |
| Relative Temperature     | <b>40°C±2°C</b>       |    |
| <b>RELATIVE HUMIDITY</b> | <b>90% RH</b>         |    |

Input Cable: **VDE H05RN-F 2\*0.75mm<sup>2</sup>  
 2M LENGTH + SAA PLUG**

Output Cable: **2.35 φ FEMALE CONNECTOR**

**ELECTRICAL CIRCUIT**

