



TP160A



Intelligent protection circuitry for Johnson DC971(2)LG-014 DC motor and Ditting grinder.

Model ref: TPDC-200-1-A

OVERVIEW

- The protection circuitry is specially designed for a DC motor and grinder
- Manages the grinding period and switches-off the DC motor when needed
- The grinding period adapts to the AC input voltage fluctuations to maintain the same amount of coffee at different AC voltages.

APPLICATION

- Johnson DC971(2)LG-014 motor and Ditting grinder

INPUT

- Input voltage range : 180 - 264 vac
- Leakage current : < 0.3mA
- Class I

OUTPUT

- Nominal output power : 450W
- Single output voltage : +300Vdc

PROTECTIONS

- Overload / short circuit protection
- Automatic latch-off functionality : The circuitry switches-off the DC motor when the grinding motor is blocked and/or when no beans are present

SAFETY & EMC

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|---------------------|---------------------|
| • UL197 | • IEC/EN/UL 60950-1 |
| • IEC/EN/UL 60335-1 | • EN 55014 |
| • IEC/EN 61000-6-1 | • IEC/EN 61000-6-2 |
| • IEC/EN 61000-6-3 | • IEC/EN 61000-6-4 |
| • IEC/EN 61000-3-2 | • IEC/EN 61000-3-3 |
| • IEC/EN 61000-4-2 | • IEC/EN 61000-4-3 |
| • IEC/EN 61000-4-4 | • IEC/EN 61000-4-5 |
| • IEC/EN 61000-4-6 | • IEC/EN 61000-4-11 |
| • EN 62233 | • 2009/125/EC |

COOLING

- Free air convection

CONSTRUCTION

- Open frame

CONNECTIONS

- Input : Leoco 3941
- Output : Leoco 3941
- I/O : Molex Minifit

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 69 x 53 x 35 mm
: 2.7 x 2.1 x 1.4 inch
- Weight : 0.15 KG