

ISO-CHECK IT

Power monitoring for power lines
Insulation monitor devices



General Data



PART NUMBERS

| XXX | 120 | 230 |
|----------------|----------|----------|
| ISO-CHECK XXXV | 77706701 | 77706700 |

TECHNICAL FEATURES

| ISO-CHECK XXXV | 120 | 230 |
|--|----------------------|-----|
| Nominal voltage AC 50-60 Hz - Un [V] | 120 | 230 |
| Aux supply voltage AC 50/60 Hz [V] | 120 | 230 |
| Response value - Ran [Kohm] | 50...300 | |
| Relative uncertainty | 10% (450V<Un<600V) | |
| Measuring voltage (peak value) (RF=Ohm) - Um [V] | <40 | |
| Measuring current (RF=0 Ohm) - Im [mA] | <200 | |
| Internal DC resistance - Ri [Kohm] | 100 | |
| Electromagnetic compatibility - ECM | UNE-EN-65143+A1:2004 | |
| System leakage capacitance - Ce [µF] | ≤20000 | |
| Impedance [Kohm] | 100 | |

MECHANICAL AND ENVIRONMENTAL FEATURES

| ISO-CHECK XXXV | 120 | 230 |
|--|---------------------------|-----|
| Temperature range [°C] | -25 ... 70 | |
| Indication System Type | LED, Voltage LED | |
| Insulating material | PC+GF | |
| Enclosure - IP | IP20 | |
| Flammability class | UL94 V-0 | |
| Solid conductor cross section | 0,5...4 mm ² | |
| Stranded conductor cross section | 0,5...2,5 mm ² | |
| Remote indication switching capacity [V/A] | AC: 250/6 DC: 250/6 | |

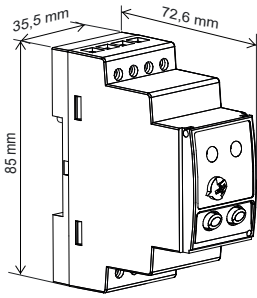
DATASHEET

This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

cirprotec

ISO-CHECK IT

DIMENSIONS AND WEIGHT



| ISO-CHECK XXXV | 120 | 230 |
|---------------------------------------|---------------|-----|
| Net Weight [kg] | 0.191 | |
| Gross weight [kg] | 0.221 | |
| Packaging dimensions (H x W x L) [mm] | 117 × 42 × 90 | |