

TRANS GUARD



DUAL PROTECTION FOR NEON TRANSFORMER

TRANS GUARD is sophisticated self-detecting protection module which provides both Earth Leakage Protection and Open Circuit Protection for Neon Stone and iRONA transformers. TRANS GUARD simply works as it detects faulty situation automatically when neon transformer is not earthed or neon tubes are broken. TRANS GUARD is perfectly tuned to fit into Neon Stone and iRONA and also highly harmonized to provide maximum protection at any time anywhere.

- Earth leakage protection for Neon Stone and iRONA
- Open circuit protection for Neon Stone and iRONA
- Provides dual protection simultaneously
- CE Approved

FEATURES



IP44

WEATHER
PROOFQuality
Assured

EN50107

SPECIFICATIONS

Input voltage : 230VAC
 Input current : 10A
 Input frequency : 50Hz
 CE approval : EN50107
 Weight : 90g (99g with box)

APPLICABLE MODELS

MODEL	CAPACITY	Secondary Output Specification of Neon Transformer		
		25mA 30mA	37mA 45mA	50mA 60mA
DP-01-120	1.20Ω	2K, 4K, 5K, 6K, 7K	2K, 4K, 5K	2K, 4K
DP-01-100	1.00Ω	8K, 9K, 10K(220/230), 12K(220)	6K, 7K, 8K	5K, 6K
DP-01-068	0.68Ω	12K(230), 15K(220)	9K	7K
DP-01-056	0.56Ω	15K(230)	10K(220)	8K
DP-01-043	0.43Ω		10K(230), 12K, 15K	9K
DP-01-036	0.36Ω			10K(220)
DP-01-033	0.33Ω			10K(230)

Specifications are subject to change without notice

CAUTION!

DO NOT ATTEMPT TO ALTER OR REPAIR THIS PROTECTIVE DEVICE NOR THE POWER SUPPLY. THIS MAY CAUSE INJURY AND WILL VOID WARRANTY.

HAZARDOUS VOLTAGES WILL CAUSE SHOCK, BURN, OR DEATH. TURN OFF POWER BEFORE SERVICING.

SERVICING SHOULD BE PERFORMED ONLY BY QUALIFIED PERSONNEL

1. PREPARE REQUIRED PARTS



Use screw driver to unscrew the protective lid of primary input



Prepare the protection module by pulling out lead wires outward

2. INSERT PROTECTIVE MODULE



Loosen five screw bolts to have enough gap for inserting u-wire



Mount the protective module into the space above transformer. Be sure to insert each U-wire connector to appropriate place where screw bolt is already loosen.

3. MOUNT THE MODULE



Tighten all 5 screw bolts. Make sure U-wire connectors are does not slip out from the screw bolts.



Press down the module toward the body of neon transformer in order to minimize gap between the module and transformer. Cover lid of neon transformer will not be closed if not pressed down correctly.

7. PUT COVER LID



Check all 5 U-wire connectors are tighten with the screw bolts. Then put cover lid onto the neon transformer.



Installation complete

Details are subject to change without notice

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