BESALIGHTING

REMOTE TRANSFORMERS

12V MONORAIL

location:
DRY

SPECIFICATIONS:

DESCRIPTION
Magnetic transformers for remote applications. Includes multi-tap AC output (12V-15V) and integral circuit breaker. Requires use of Besa Remote Feed Canopy for connection to rail system.

150W Magnetic or Electronic Transformer supports up to (3) 50W or (4) 35W low voltage Halogen elements. Also compatible with Besa LED pendants

300W Magnetic or Electronic Transformer provides 300W output. Also compatible with Besa LED pendants

DIMMING
Use only a high-quality low voltage magnetic dimmer.

COMPATIBILITY
Compatible with Besa 12V Monorail rail.

LABELS
UL or ETL Listed. Suitable for Dry Locations (interior use only).

150W Magnetic or Electronic

9.75" L x 4.25" D x 4" H
Multi-tap type compensates for voltage drop.
Provides 150W AC (Magnetic) or DC (Electronic) at 12V.
Available for 120V or 277V input.

R12-RM150-120	150W, 120V, Magnetic AC
R12-RM150-277	150W, 277V, Magnetic AC
R12-RA150-120	150W, 120V, Electronic DC
R12-RA150-010DIM	150W, 120V,, Electronic DC 0-10V Dimming

300W Magnetic or Electronic

9.75" L x 4.25" D x 4" H
Multi-tap type compensates for voltage drop.
Provides 300W AC (Magnetic) or DC (Electronic) at 12V.
Available for 120V or 277V input.

R12-RM300-120	300W, 120V, Magnetic AC
R12-RM300-277	300W, 277V, Magnetic AC
R12-RA300-120	300W, 120V, Electronic DC
R12-RA300-010DIM	300W, 120V,, Electronic DC 0-10V Dimming

NOTES ABOUT LOCATION AND VOLTAGE DROP:

- When using a remote style transformer, the transformer must be installed in an accessible location such as a closet.
- Because of voltage drop, it is important to select the appropriate gauge wire to run from the remote transformer to the monorail feed. Failure to do so can result in excessive voltage drop, which causes the lamps to dim.

REMOTE TRANSFORMER WIRE CHART
300W 12V System

Distance	10'	20'	30'	40'
Wire	#10 AWG	#8 AWG	#6 AWG	#4 AWG

- Our remote transformers have multiple secondary connections, which can be used to compensate for voltage drop. It is important to follow the installation instructions, as over-driving the lamps can dramatically shorten lamp life.

Project Information:

All dimensions provided are nominal.
Allowance must be made for dimensional tolerance in handcrafted glasses.

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