

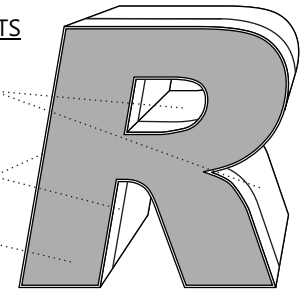
TYPICAL SIGN WIRING, PLAN VIEW

SIGNAGE

TYPICAL PARTIAL ELEVATION VIEW

COMPONENTS

- Returns
- Trim-cap
- Faces



COLOR GUIDE, OBLIQUE VIEW

typical individual face-lit illuminated ID channel letters with optional logo shown

Note: actual sign layout and art-work shall be submitted and approved separately

.040" (min) aluminum returns, fastened to back with non-corrosive steel staples

aluminum core trim-cap face retainers chemically welded to acrylic faces, attached to returns with #8 non-corrosive steel self-tapping screws at 18" max spacing

.040" (min) aluminum back

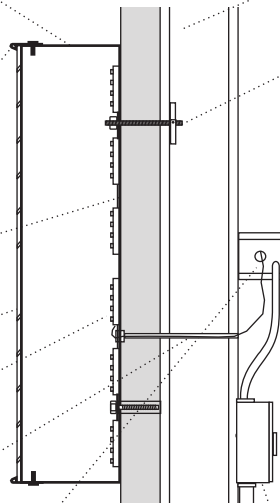
3/16" acrylic face

high-efficiency LED illumination

shielded class 2 low voltage secondary wiring

self-contained or enclosed 120 volt solid-state transformer

120 volt primary circuit with ground and service disconnect



SECTION VIEW
nts

signband wall, construction varies

non-corrosive steel hardware, 3/16" min dia., (3) or (4) per letter min, evenly spaced

Notes:

120 volt primary line to back of sign location, in approved conduit, with j-box and service disconnect to sign by project electrician.

All wall penetrations to be sealed with RTV silicon sealant/adhesive. Access to back of wall for wiring and maintenance is required. Maximum weight of any letter is 15 lbs.

Sign shall be built and installed in strict accordance with UL standard 2161 and shall be UL listed and labeled under license #E151394



Installation Instructions:

Sign must be installed by trained and qualified personnel only. Refer to project drawing and installation pattern. Read all instructions before proceeding. Check backside of wall for any obstructions or existing conditions to be avoided. Firmly tape provided paper installation pattern on wall. Confirm correct positioning of letters before proceeding. Drill mounting and secondary wiring holes as indicated on the installation pattern. Beginning with the first letter/sign, carefully remove face retainer screws and remove letter/sign face. Support letter/sign and run a 1/4" bead of RTV silicone caulk/sealant around each mounting and secondary wiring hole on the sign back. Place sign/letter in position on wall, feeding secondary wiring leads and ground wires through corresponding holes. Secure letter to wall with designated non-corrosive steel screws, anchors or toggle bolts. Remount face, do not over-tighten screws. Using appropriate hardware, secure transformer enclosure to backside of wall near center-back of sign. Organize and bundle secondary leads with wire ties and secure wires to back of wall at 24" intervals with cable clips. Feed secondary lines with ground wires from letters/sign through provided black Heyco bushings and into transformer secondary wiring junction box. Trim wires as needed to allow ~3" of lead within enclosure. Strip blue cable shield back ~2", and strip individual red and black secondary wires back ~5/8". Using UL-listed wire-nuts, connect all red (positive) leads together and to corresponding red feed from transformer secondary. Wire-nut all black (negative) leads together and to corresponding black secondary feed from transformer. Note: intermediate junction boxes may be utilized to connect secondary wires from multiple letters in a sub-circuit prior to connecting to transformer. In this case, a secondary jumper wire connects the sub-circuit to the transformer secondary and is connected as described above. Primary line and ground, with disconnect switch within clear site of transformer, into transformer box is by project electrician. A dedicated primary circuit recommended. Branch circuit to sign may not exceed 30 amps.

Series 100 Face-Lit Individual Channel Letters, typical configurations, specs, wiring and installation instructions, for letters up to 36" high Page 1/1 Sept 2014 HRMc