

Chapter E 362

WIREWAYS

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E 362.01 Definition. Wireways are sheet-metal troughs with hinged or removable covers for housing and protecting electrical wires and cable and in which conductors are laid in place after the wireway has been installed as a complete system.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.02 Use. Wireways may be installed only for exposed work. Wireways intended for outdoor use shall be of approved raintight construction. Wireways shall not be installed: (1) where subject to severe physical damage or corrosive vapor; nor (2) in any hazardous location.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.03 Other chapters. Installations of wireways shall comply with the applicable provisions of chapter E 300.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.04 Size of conductors. No conductor larger than 500,000 c.m. shall be installed in any wireway.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.05 Number of conductors. (1) Wireways shall not contain more than 30 conductors at any cross section, unless the conductors are for signaling circuits or are control conductors between a motor and its starter and used only for starting duty. The sum of the cross-sectional areas of all contained conductors at any cross-section of a wireway shall not exceed 20% of the interior cross-sectional area of the wireway.

(2) The correction factors specified in note 8 of tables E 310.12 and E 310.14 are not applicable to the foregoing.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.06 Splices and taps. Splices or taps, made and insulated by approved methods, may be located within the wireway provided they are accessible. The conductors, including splices and taps, shall not fill the wireway to more than 75% of its area at that point.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.07 Supports. Wireways shall be securely supported at intervals not exceeding 5 feet, unless specially approved for supports at greater intervals, but in no case shall the distance between supports exceed 10 feet.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.08 Extension through walls. Wireways may extend transversely through dry walls if in unbroken lengths where passing through.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.09 Dead-ends. Dead-ends of wireways shall be closed.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.10 Extensions from wireways. Extensions from wireways shall be made with rigid or flexible metal conduit, electrical metallic tubing, surface metal raceway or armored cable.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.

E 362.11 Marking. Wireways shall be marked so that their manufacturer's name or trademark will be visible after installation.

History: Cr. Register, November, 1961, No. 71, eff. 12-1-61.