

Table 4. Storm Trapper H.E. Arrester Selection

Storm Trapper H.E. Arrester Type	Voltage Rating (V rms)	MCOV (V rms)	Number of Poles	Catalog Number Without Hanger Bracket*
External Mount	175	175	1	ASZH175C100
	175	175	2	ASZH175C200
	175	175	3	ASZH175C300
	240	240	1	ASZH240C100
	240	240	2	ASZH240C200
	240	240	3	ASZH240C300
	480	400	1	ASZH480C100
	480	400	2	ASZH480C200
	480	400	3	ASZH480C300
	650	540	1	ASZH650C100
	650	540	2	ASZH650C200
	650	540	3	ASZH650C300
	Metal-Enclosed	175	175	1
175		175	2	ASZH175E200
175		175	3	ASZH175E300
240		240	1	ASZH240E100
240		240	2	ASZH240E200
240		240	3	ASZH240E300
480		400	1	ASZH480E100
480		400	2	ASZH480E200
480		400	3	ASZH480E300
650		540	1	ASZH650E100
650		540	2	ASZH650E200
650		540	3	ASZH650E300

* To order an arrester with mounting bracket change the last digit from a 0 to a 1.
(Example: Change ASZH480C200 to ASZH480C201)

Recommended arrester applications

IEEE Std C62.41™ -1991 standard, IEEE® Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits, defines three areas of low voltage service from the distribution transformer secondary bushings down to electrical outlets within a home or business. (See Figure 5.)

Storm Trapper H.E. arresters are designed for use in category C locations. Category C applications include use on transformer secondaries.

Outlets and long branch circuits are considered category A. Typically, category A overvoltage protection has been limited to plug-in style voltage suppressors.

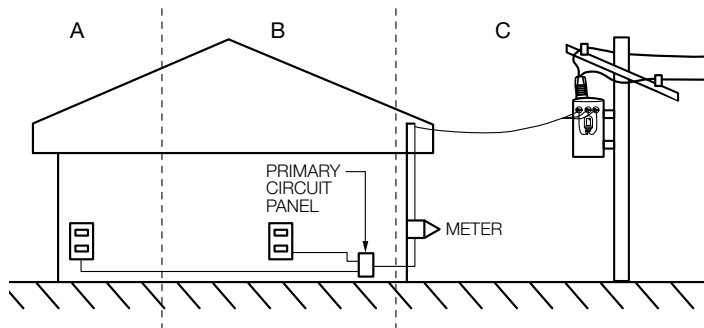


Figure 5. Location categories in low-voltage circuits.