PAIGE SOLENOID

SURGE GUARD

APPLICATION

This Solenoid Surge Guard is designed to protect 24AC solenoid from lightning surges. Irrigation solenoids were found to fail at 10,000 volts or less and with the installation of the Paige Electric Solenoid Surge Guard allowed the same solenoids to survive a pulse of 20,000 volts.

FEATURES

•   The internal gas tube is ISO 9000 certified and conforms to the standards of UL 497B.

•   The life of lightning arresters is a function of how hard they are hit and the frequency of the strikes.

•   Activates at 75 volts

•   Handles up to 10,000 amperes with a 8/20 micro-second pulse

•   Helps eliminate the need for replacing solenoids by absorbing the surge in power/current

•   View a demonstration of the device in operation
    http:/www.youtube.com/watch?v=eksZ I3N2tg

INSTALLATION

The Solenoid Surge Guard (SSG) is installed prior to the solenoid coil or decoder to enable the device to absorb the high current and therefore protect the decoder and/or valve. For complete protection a SSG needs to be installed at each solenoid valve or decoder.

Conventional Wired Systems - Common/Active

You must connect a single wire from the SSG to the common wire and also the station wire at each solenoid valve.

2 Wire Decoder Systems

You must connect a single wire from the SSG to each cable path prior to the decoder to Surge Guard both the decoder and solenoid coil. Placement of the SSG after the decoder will only guard the coil.

MODELS	CODE
Paige Solenoid Surge Guard	270SSG
Joins 3 x 1mm Cables Press Fit	314
Joins 3 x 1.5mm Cables Press Fit	316
Suitable for Decoder Systems - (600 volt rated)	DBR/Y

Specifications Subject to Change Without Notice - Product Drawings / Images are representative only and are subject to change

CABLE_270SSG_V1.05-20

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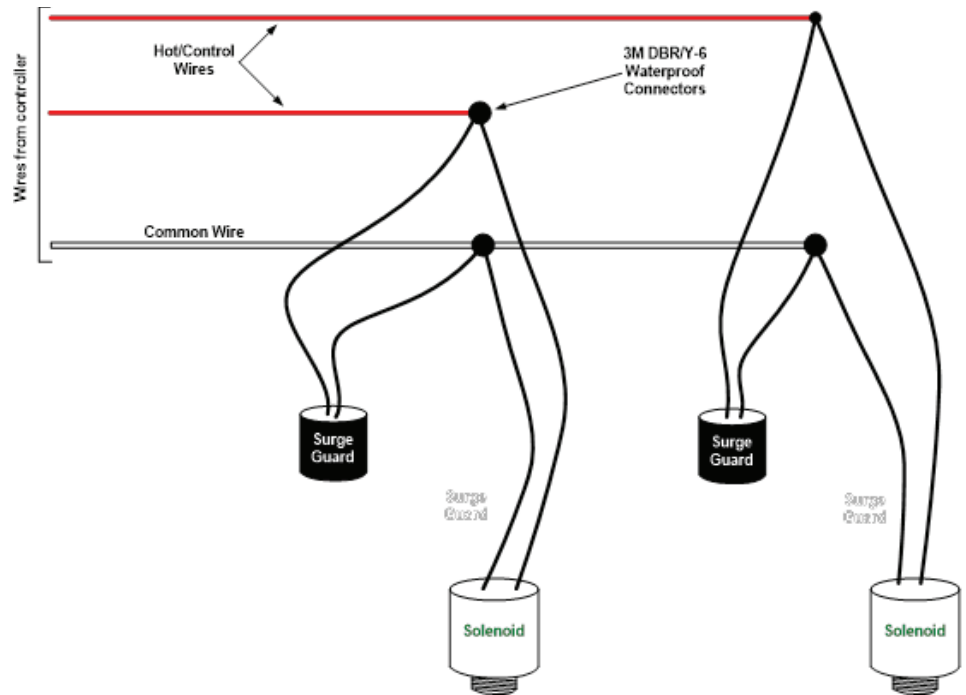| PERTH	SYDNEY	MELBOURNE	BRISBANE	ADELAIDE
PH: 08 9484 6500	**PH:** 02 9616 1300	**PH:** 03 8458 7400	**PH:** 07 3080 6200	**PH:** 08 8408 7200
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Two-wire circuit protection:
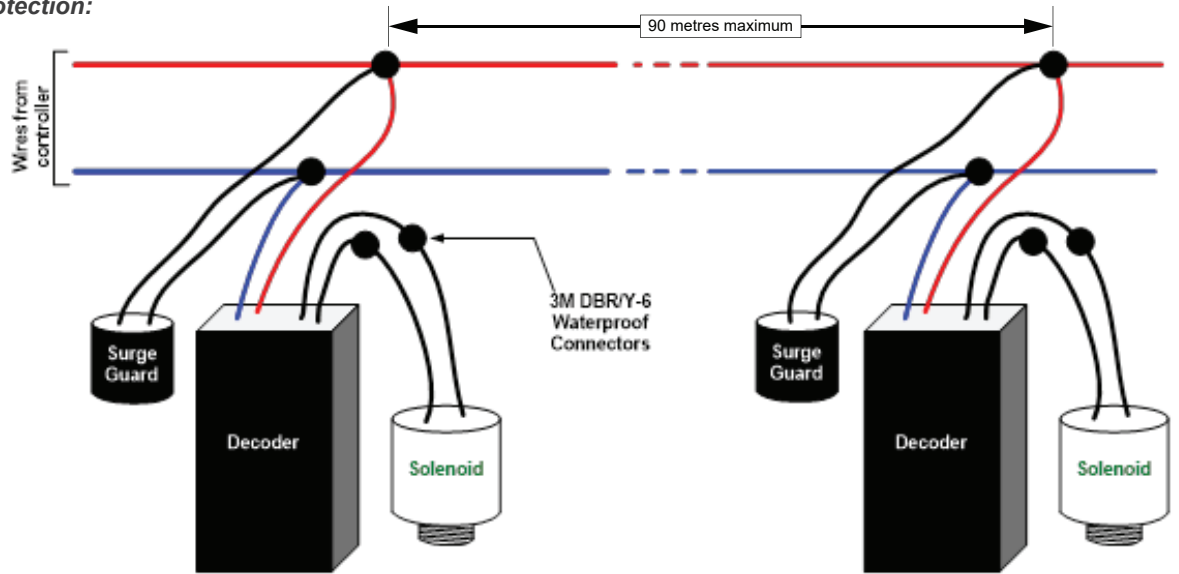
Solenoid protection:

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