

ACCESSORIES

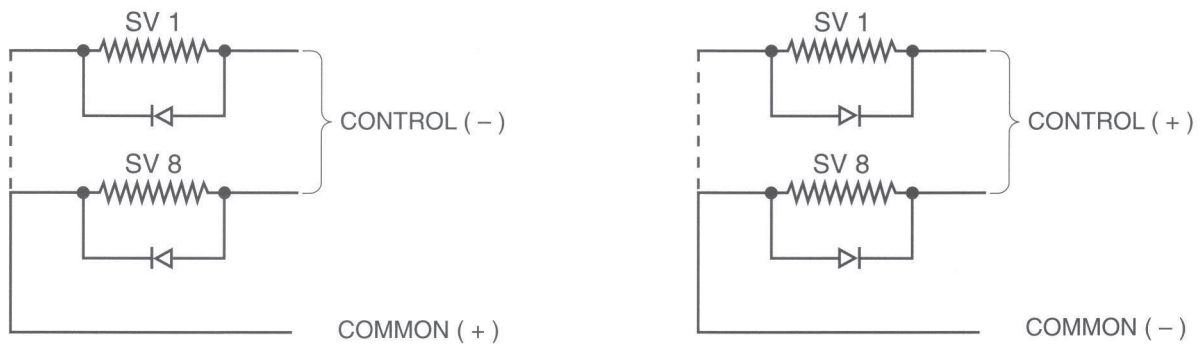
Integrated anti-disturbance diodes (surge voltage suppressor) 750 Series

When you interrupt feeding in an inductive circuit, the magnetic energy stored in the core zeroes. In the spire of the coil, this variation produces a contro-electromotor force, the polarity of which is inverse to that of feeding. In some cases the peak-value of this induced tension can result high and cause electromagnetic disturbance. It can also affect negatively the integrity of the driver and the insulation of the coil itself. The use of anti-disturbance diodes eliminates these phenomena.

Marginal note

Anti-disturbance diodes limit the maximum operative frequency of solenoid valves to 50 Hz.

Electrical scheme. Diode disposition according to control typology.



Models available with anti-disturbance diodes

Almost all 750 series models in the catalogue can be equipped with anti-disturbance diodes which are integrated in the valve.

In this series single control models and all speed-up control versions are an exception.

How to order solenoid valves with anti-disturbance diodes. Control typologies

H
X
7
5
8
C
E
2
C
3
24

• N. ELECTRICAL CONTROLS

C	4 Controls / Integrated diodes with common 0 Volt
D	8 Controls / Integrated diodes with common 0 Volt
F	4 Controls / Integrated diodes with common 12/24 Volt
G	8 Controls / Integrated diodes with common 12/24 Volt