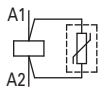


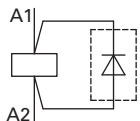
Suppressors

The switching of contactor coils can generate voltage transients that may cause arching on switch contacts and/or damage electronics on the control line. Either an RC or varistor suppressor is recommended in these types of applications. All **XT** DC contactor coils have built-in suppression.

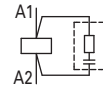
Varistor suppressors clamp the voltage transient above the maximum coil voltage and are recommended when the level of the transient is known to not exceed the coil voltage. RC suppressors slow and reduce the level of the voltage transient but do not clamp them at a specific level. The slowing of the transient can reduce electrical interference. These are recommended in applications where operating rates are high.

XTCEXVS_**Contact Sequence****Varistor Suppressor** ①②

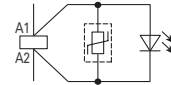
Voltage	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	XTCEXVSBW
48–130	XTCE015B, XTCF020B	10	XTCEXVSBA
130–240		10	XTCEXVSBB
240–500		10	XTCEXVSB C
24–48	XTCE018C–	10	XTCEXVSCW
48–130	XTCE032C	10	XTCEXVSCA
130–240		10	XTCEXVSCB
240–500		10	XTCEXVSCC
24–48	XTCE040D–	10	XTCEXVSFW
48–130	XTCE095F	10	XTCEXVSFA
130–240		10	XTCEXVSFB
240–500		10	XTCEXVSFC

XTCEXDSB**Contact Sequence****Free-Wheel Diode Suppressor** ④

Voltage DC	For Use with...	Pkg. Qty. ③	Catalog Number
12–250	XTCE007B– XTCE015B, XTCF020B	10	XTCEXDSB

XTCEXRS_**Contact Sequence****RC Suppressor** ①②

Voltage	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	XTCEXRSBW
48–130	XTCE015B, XTCF020B	10	XTCEXRSBA
110–240		10	XTCEXRSBB
240–500		10	XTCEXRSBC
24–48	XTCE018C–	10	XTCEXRS CW
110–130	XTCE032C	10	XTCEXRS CA
130–240		10	XTCEXRS CB
240–500		10	XTCEXRS CC
24–48	XTCE040D–	10	XTCEXRSFW
110–130	XTCE095F	10	XTCEXRSFA
130–240		10	XTCEXRSFB
240–500		10	XTCEXRSFC

XTCEXVSL_**Contact Sequence****Varistor Suppressor with Integrated LED** ①②

Voltage AC	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	XTCEXVSLBW
130–240	XTCE015B	10	XTCEXVSLBB
24–48	XTCE018C–	10	XTCEXVSLCW
130–240	XTCE032C	10	XTCEXVSLCB
24–48	XTCE040D–	10	XTCEXVSLFW
130–240	XTCE095F	10	XTCEXVSLFB

Notes

- ① Note dropout delay.
- ② For AC operated contactors, 50–60 Hz. DC operated contactors and XTCE115G_ to XTCE170G_ have a built-in suppressor circuit.
- ③ Orders must be placed in multiples of package quantity listed.
- ④ In addition to the built-in suppressor circuit for DC actuated contactors. Prevents negative breaking voltage when contactors are used in combination with a safety PLC.