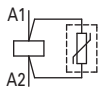


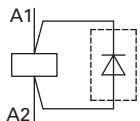
**Suppressors**

The switching of contactor coils can generate voltage transients that may cause arcing 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.

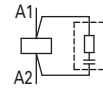
Varistor suppressors clamp the voltage transient above the maximum coil voltage and are recommended when the level of the transient is known to not exceed the coil voltage. RC suppressors slow and reduce the level of the voltage transient but do not clamp them at a specific level. The slowing of the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

**XTCEXVS\_****Contact Sequence****Varistor Suppressor** ①②

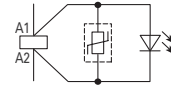
Voltage	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	<b>XTCEXVSBW</b>
48–130	XTCE015B, XTCF020B	10	<b>XTCEXVSB A</b>
130–240		10	<b>XTCEXVSB B</b>
240–500		10	<b>XTCEXVSB C</b>
24–48	XTCE018C–	10	<b>XTCEXVSCW</b>
48–130	XTCE032C	10	<b>XTCEXVSC A</b>
130–240		10	<b>XTCEXVSC B</b>
240–500		10	<b>XTCEXVSC C</b>
24–48	XTCE040D–	10	<b>XTCEXVSFW</b>
48–130	XTCE095F	10	<b>XTCEXVSFA</b>
130–240		10	<b>XTCEXVSFB</b>
240–500		10	<b>XTCEXVSFC</b>

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

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

**XTCEXRS\_****Contact Sequence****RC Suppressor** ①②

Voltage	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	<b>XTCEXRSBW</b>
48–130	XTCE015B, XTCF020B	10	<b>XTCEXRSBA</b>
110–240		10	<b>XTCEXRSBB</b>
240–500		10	<b>XTCEXRSBC</b>
24–48	XTCE018C–	10	<b>XTCEXRSBW</b>
110–130	XTCE032C	10	<b>XTCEXRSBA</b>
130–240		10	<b>XTCEXRSBB</b>
240–500		10	<b>XTCEXRSBC</b>
24–48	XTCE040D–	10	<b>XTCEXRSFW</b>
110–130	XTCE095F	10	<b>XTCEXRSFA</b>
130–240		10	<b>XTCEXRSFB</b>
240–500		10	<b>XTCEXRSFC</b>

**XTCEXVSL\_****Contact Sequence****Varistor Suppressor with Integrated LED** ①②

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

**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.