

Suppressors

For AC operated contactors 50–60 Hz. On DC operated contactor relays and on XTRE10B, the suppressor circuit is built-in. Note dropout delay.

Varistor Suppressor^{①②}

XTCEXVSB_



Varistor Suppressor for XTRE

Voltage	For Use with...	Contact Sequence	Pkg. Qty. ③	Catalog Number
24–48	XTRE(C)10B		10	XTCEXVSBW
48–130			10	XTCEXVSA
130–240			10	XTCEXVSB
240–500			10	XTCEXVSB

XTCXVS_



Varistor Suppressor for XTRM

Voltage	For Use with...	Circuit Symbol	Pkg. Qty. ③	Catalog Number
24–48	XTRM6A_, XTRM9A_		10	XTCXVSW
48–130	XTRM6A_, XTRM9A_		10	XTCXVSA
110–250	XTRM6A_, XTRM9A_		10	XTCXVSB
380–415	XTRM6A_, XTRM9A_		10	XTCXVSN

XTRM Relay with Installed Suppressor



Varistor Suppressor with Integrated LED^{①②}

XTCEXVSLB_



Varistor Suppressor for XTRE

Voltage	For Use with...	Contact Sequence	Pkg. Qty. ③	Catalog Number
24–48	XTRE(C)10B		10	XTCEXVSLBW
130–240			10	XTCEXVSLBB

RC Suppressor^{①②}

XTCEXRSB_



RC Suppressor for XTRE

Voltage	For Use with...	Contact Sequence	Pkg. Qty. ③	Catalog Number
24–48	XTRE(C)10B		10	XTCEXRSBW
48–130			10	XTCEXRSBA
110–240			10	XTCEXRSBB
240–500			10	XTCEXRSBC

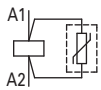
Notes

- ① Note dropout delay.
- ② For AC operated contactors, 50/60 Hz. DC operated contactors have an integrated suppressor.
- ③ Orders must be placed in multiples of package quantity listed.

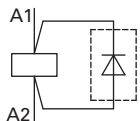
Suppressors

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.

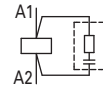
Varistor suppressors clamp the voltage transient above the maximum coil voltage and are recommended when the level of the transient is known to not exceed the coil voltage. RC suppressors slow and reduce the level of the voltage transient but do not clamp them at a specific level. The slowing of the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

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

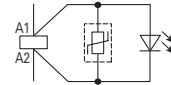
Voltage	For Use with...	Pkg. Qty. ③	Catalog Number
24–48	XTCE007B–	10	XTCEXVSBW
48–130	XTCE015B, XTCF020B	10	XTCEXVSBA
130–240		10	XTCEXVSB
240–500		10	XTCEXVSB
24–48	XTCE018C–	10	XTCEXVSCW
48–130	XTCE032C	10	XTCEXVSCA
130–240		10	XTCEXVSCB
240–500		10	XTCEXVSCC
24–48	XTCE040D–	10	XTCEXVFW
48–130	XTCE095F	10	XTCEXVFA
130–240		10	XTCEXVFB
240–500		10	XTCEXVFC

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	XTCEXRSBW
110–130	XTCE032C	10	XTCEXRSBA
130–240		10	XTCEXRSBB
240–500		10	XTCEXRSBC
24–48	XTCE040D–	10	XTCEXRSBW
110–130	XTCE095F	10	XTCEXRSBA
130–240		10	XTCEXRSBB
240–500		10	XTCEXRSBC

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.