Recloser Clearing TCC
Curve A: Maximum clearing time for one opening, variations negative.
Test conducted at 25° C.
Reclosers

Type VX
e and NOVA

Time–Current Curves

Reference Data

R280-91-16

Control Response TCC

Curve A: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.

A

A-MOD1

A-MOD2

A-MOD3
Reclosers

Type VXE and NOVA

Time–Current Curves

Recloser Clearing TCC

Curve N: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.

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Control Response TCC
Curve N: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.
Test conducted at 25°C.
Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VXE and NOVA

Time–Current Curves

Recloser Clearing TCC

Curve R: Average clearing time for one opening, variations are ±10% in time or current or ±0.01 seconds, whichever is greater.

Test conducted at 25°C.
Reclosers

Type VXE and NOVA

Time–Current Curves

Control Response TCC
Curve R: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.
Test conducted at 25°C.
Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.

R
R-MOD1
R-MOD2
R-MOD3

TCC-660R

CURRENT (as a percent of minimum trip)

TIME (cycles [60 hertz basis])
Reclosers

Type VXE and NOVA
Time–Current Curves

Recloser Clearing TCC
Curve B: Average clearing time for one opening, variations are ±10% in time or current or ±0.01 seconds, whichever is greater.
Test conducted at 25° C.
Control Response TCC

Curve B: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25° C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Recloser Clearing TCC

Curve C: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.
Reclosers

Type VXE and NOVA

Time–Current Curves

Control Response TCC

Curve C: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25° C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VXE and NOVA¹
Time–Current Curves

Recloser Clearing TCC

Curve D: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25° C.
Reclosers

Type VX and NOVA

Time–Current Curves

Control Response TCC
Curve D: Average response time for one opening, variations are ±10% in time or current or ±0.01 seconds, whichever is greater.
Test conducted at 25° C.
Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VXE and NOVA

Time–Current Curves

Recloser Clearing TCC

Curve E: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25° C.
Reclosers

Type VXE and NOVA¹ Type VXE and NOVA¹
Time–Current Curves

Control Response TCC

Curve E: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VXE and NOVA¹
Time–Current Curves

Recloser Clearing TCC
Curve F: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.
Test conducted at 25° C.
Control Response TCC
Curve F: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.
Test conducted at 25°C.
Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VXE and NOVA
Time–Current Curves

Recloser Clearing TCC

Curve TF: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.
### Control Response TCC

Curve TF: Average response time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Reclosers

Type VX and NOVA

Time-Current Curves

Recloser Clearing TCC

Curve EF: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.

Reference Data

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Reclosers

Type VXE and NOVA
Time–Current Curves

Control Response TCC
Curve EF: Average response time for one opening, variations are ±10% in time or current or ±0.01 seconds, whichever is greater.
Test conducted at 25°C.
Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.
Recloser Clearing TCC

Curve KF: Average clearing time for one opening, variations are ±10% in time or current or ±.01 seconds, whichever is greater.

Test conducted at 25°C.
Reclosers

Type VXE and NOVA

Time–Current Curves

Control Response TCC

Curve KF: Average response time for one opening, variations are ±10% in time or current or ±0.01 seconds, whichever is greater.

Test conducted at 25°C.

Add 0.028 second recloser interrupting time to control response time to obtain average clearing time.

TCC-670R

CURRENT (as a percent of minimum trip)