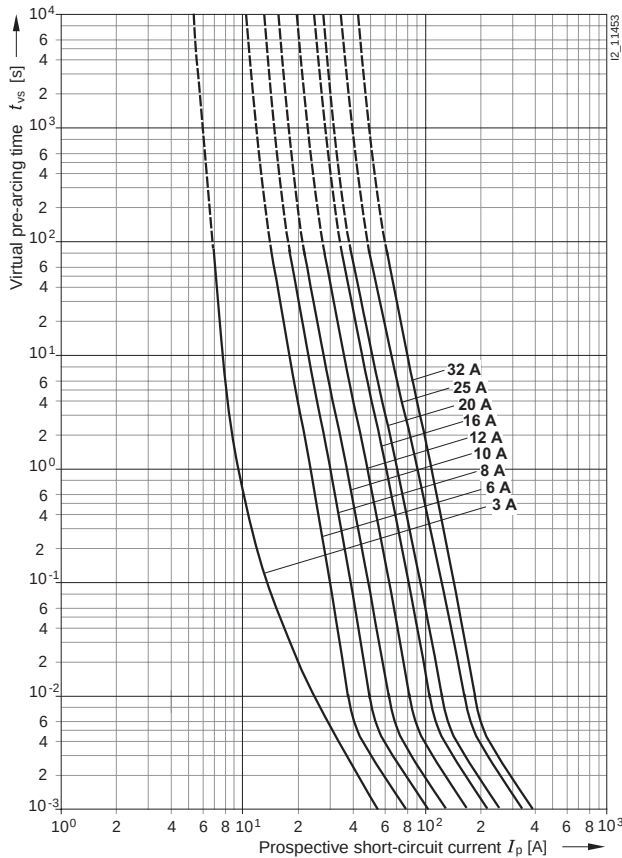


Characteristic curves

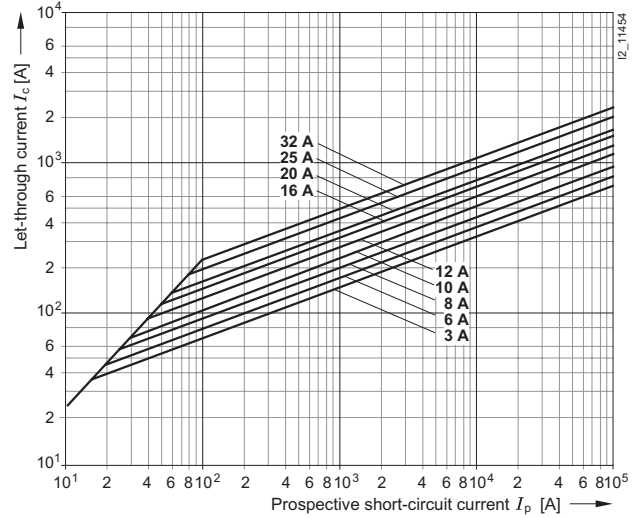
Series 3NC1 0

Size: 10 mm × 38 mm
Operational class: aR
Rated voltage: 600 V AC/400 V DC
Rated current: 3 ... 32 A

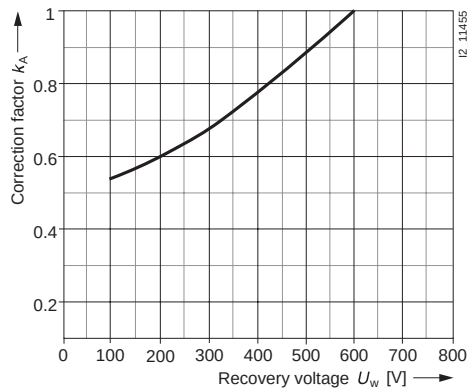
Time/current characteristic curves diagram



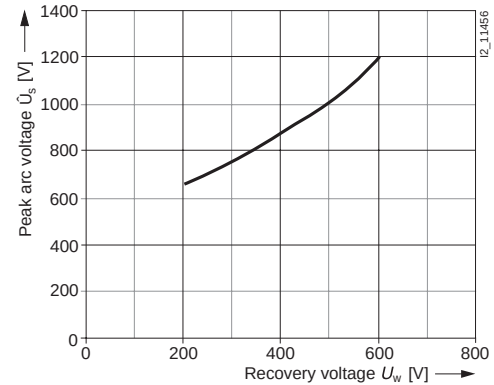
Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



Peak arc voltage



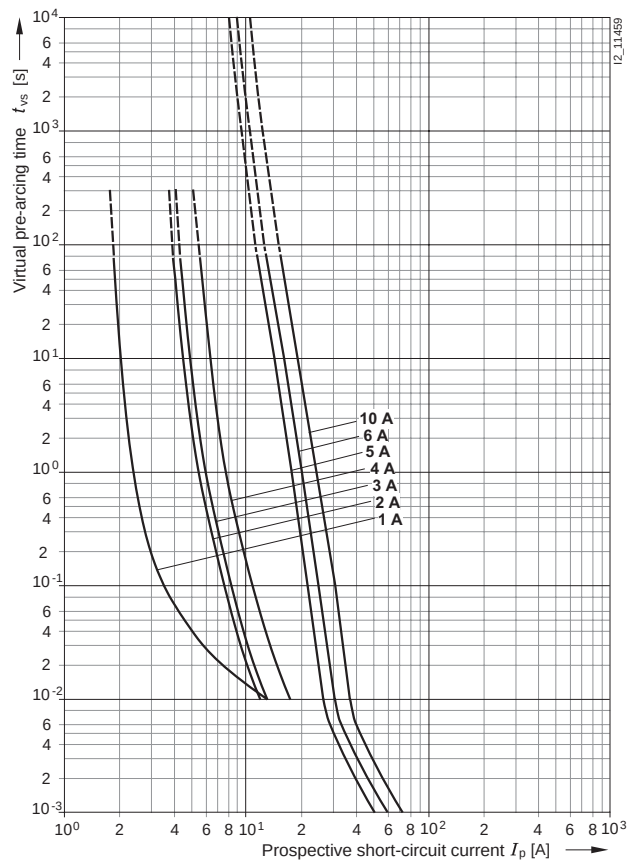
BETA Protecting SITOR Semiconductor Fuses

SITOR, cylindrical fuse design

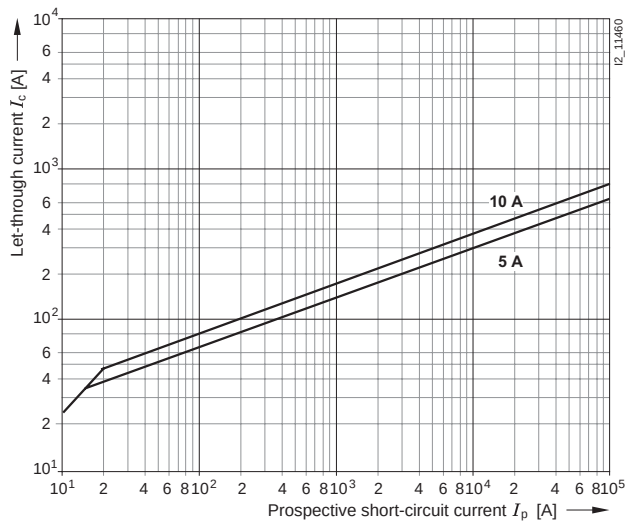
Series 3NC1 40, 3NC1 41

Size: 14 mm × 51 mm
Operational class: aR
Rated voltage: 660 V AC/ 700 V DC (1 ... 4 A); 690 V AC/700 V DC (5 ... 50 A)
Rated current: 1 ... 10 A

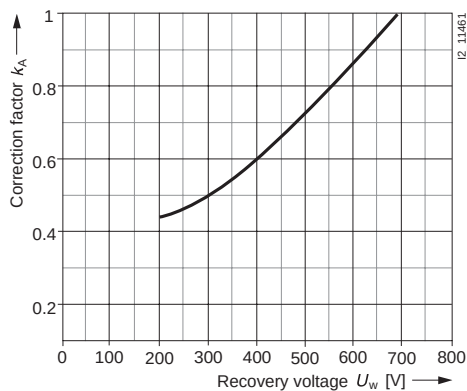
Time/current characteristic curves diagram



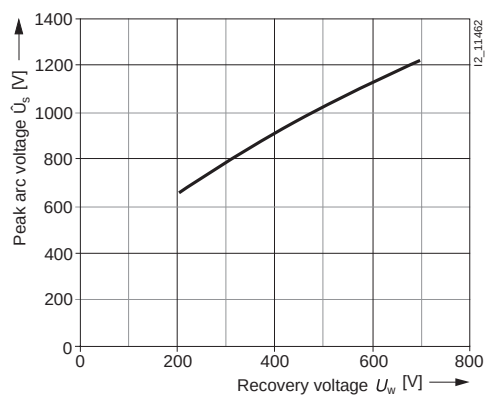
Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



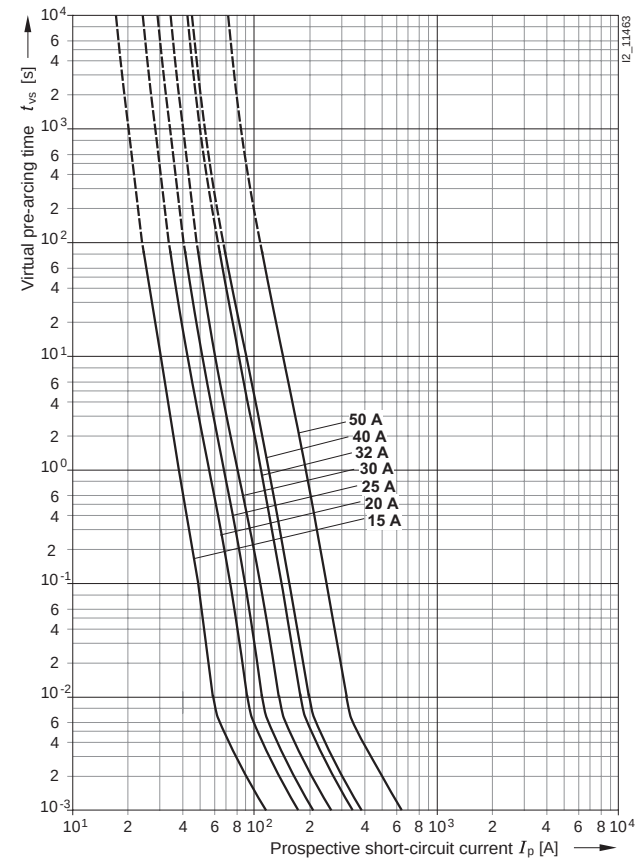
Peak arc voltage



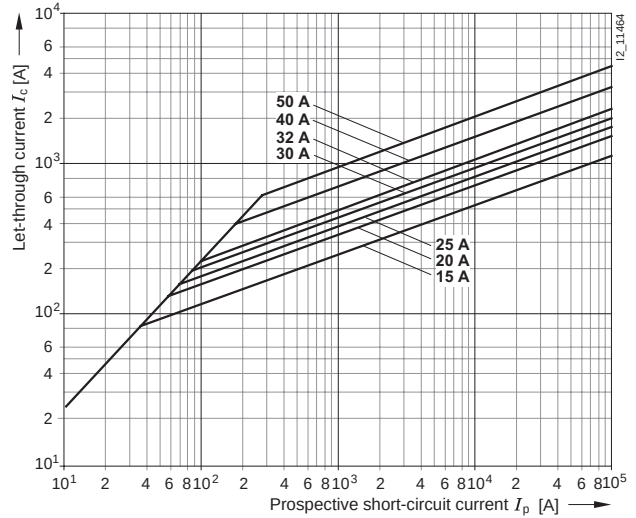
Series 3NC1 415, 3NC1 42., 3NC1 440, 3NC1 450

Size: 14 mm × 51 mm
Operational class: aR
Rated voltage: 690 V AC/ 700 V DC
Rated current: 15 ... 50 A

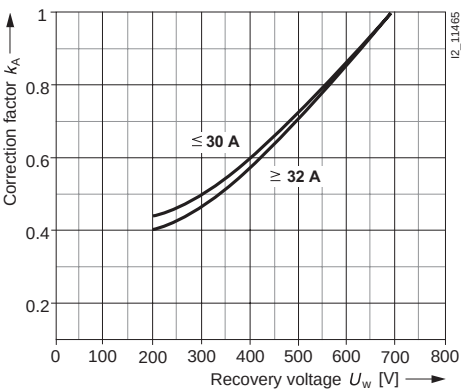
Time/current characteristic curves diagram



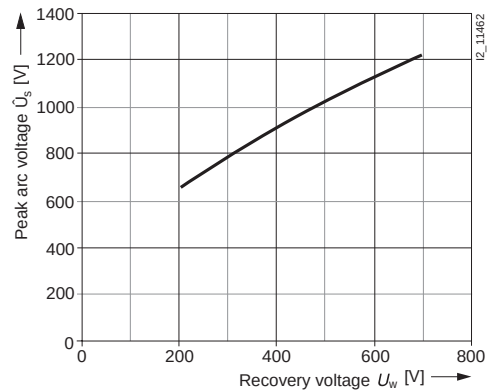
Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



Peak arc voltage



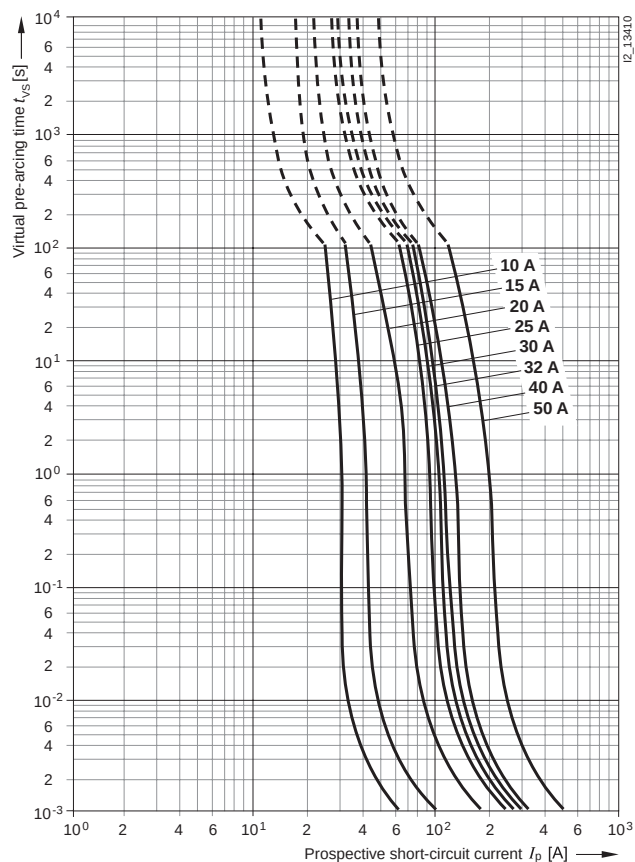
BETA Protecting SITOR Semiconductor Fuses

SITOR, cylindrical fuse design

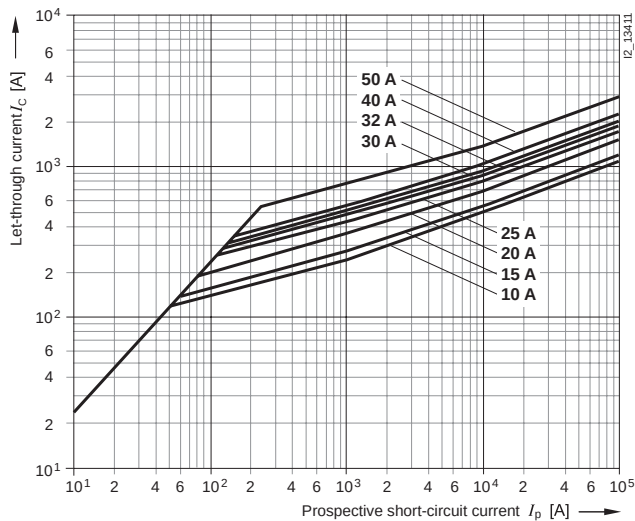
Series 3NC1 4..-5 with striking pin

Size: 14 mm × 51 mm
Operational class: aR
Rated voltage: 690 V AC/700 V DC
Rated current: 10 ... 50 A

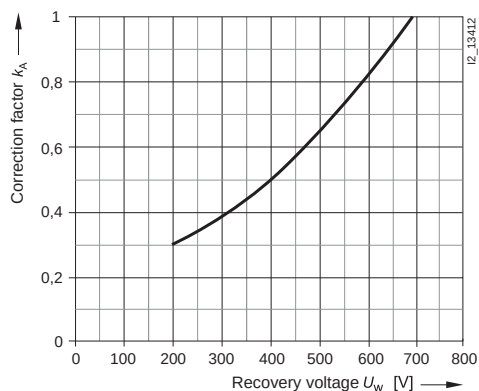
Time/current characteristic curves diagram



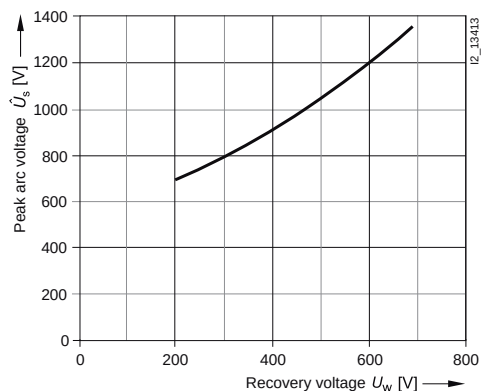
Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



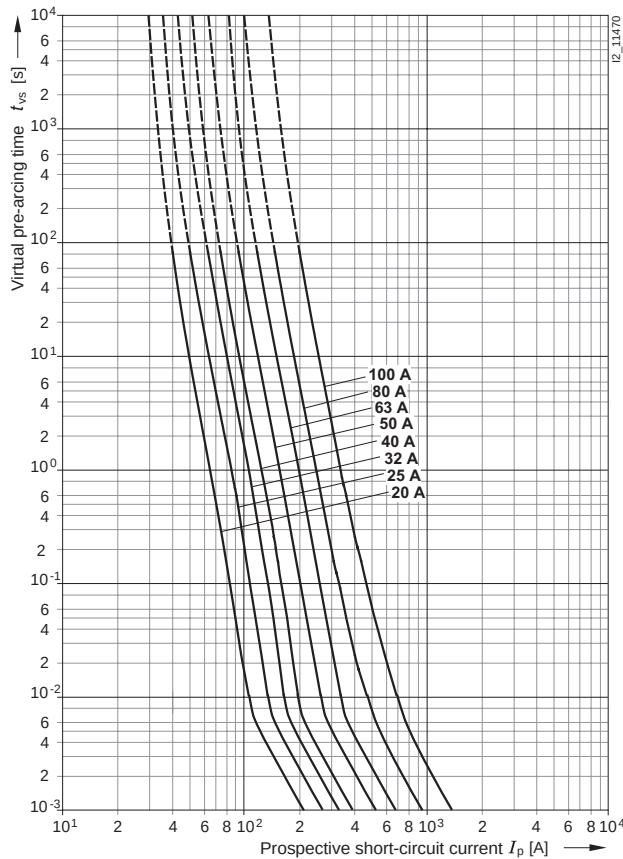
Peak arc voltage



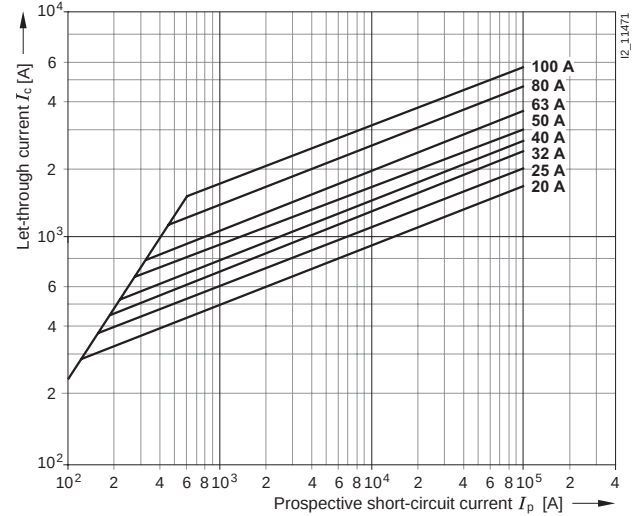
Series 3NC2 2

Size: 22 mm × 58 mm
Operational class: aR
Rated voltage: 690 V AC/700 V DC (20 ... 80 A); 600 V AC/700 V DC (100 A)
Rated current: 20 ... 100 A

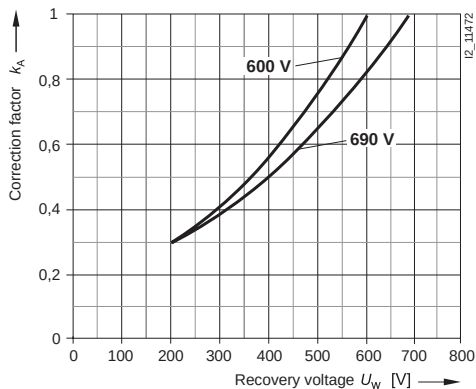
Time/current characteristic curves diagram



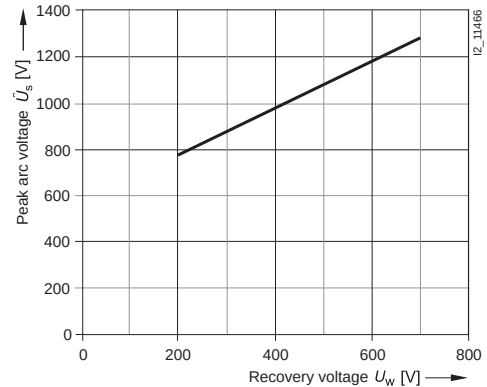
Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



Peak arc voltage



BETA Protecting SITOR Semiconductor Fuses

SITOR, cylindrical fuse design

Series 3NC2 2..-5 with striking pin

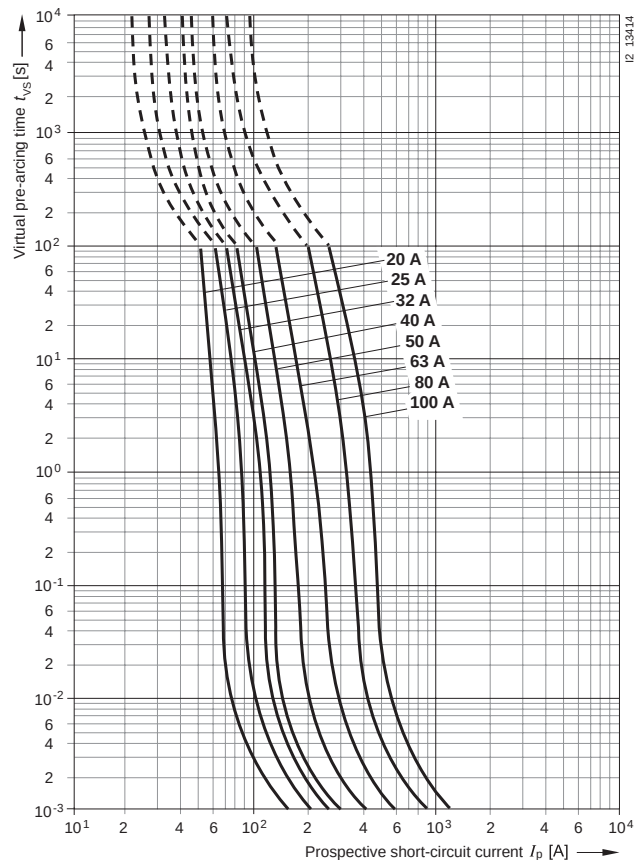
Size: 22 mm × 58 mm

Operational class: aR

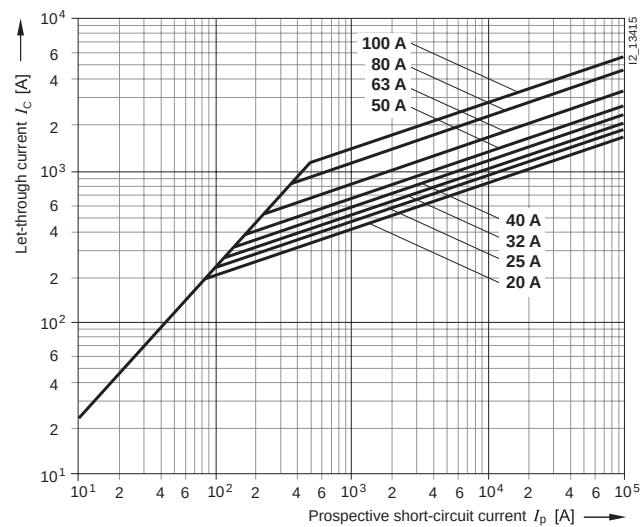
Rated voltage: 690 V AC/700 V DC (20 ... 80 A); 600 V AC/700 V DC (100 A)

Rated current: 20 ... 100 A

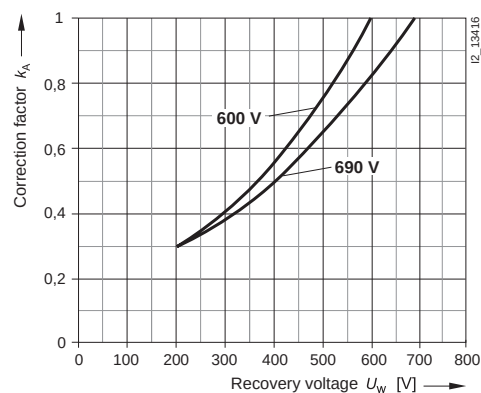
Time/current characteristic curves diagram



Let-through characteristics (current limitation at 50 Hz)



Correction factor k_A for breaking I^2t value



Peak arc voltage

