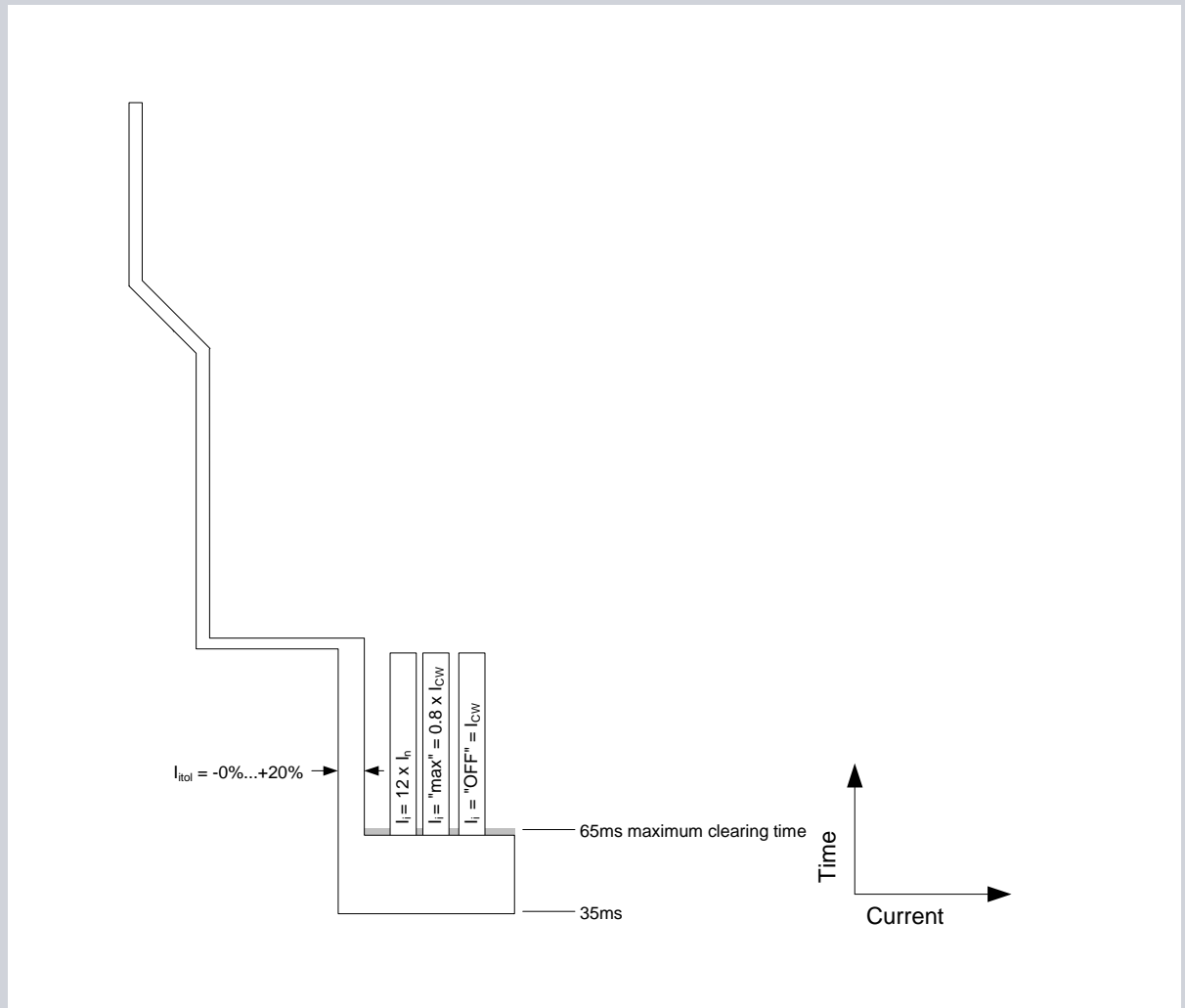


# Instantaneous Tripping Characteristic



## ETU 725 – 727 I Pickup Settings:

$$I_i = I_{cw} \times 80\%$$

## ETU 745 I Pickup Settings:

$$I_i = I_n \times [ ]$$

where [ ] = 1.5, 2.2, 3, 4, 6, 8, 10, 12

$$I_i = \text{MAX} = I_{cw} \times 80\%$$

$$I_i = \text{OFF} = I_{cw}$$

## ETU 755 – 776 I Pickup Settings:

$$I_i = (I_n \times 150\%) \dots (I_{cw} \times 80\%)$$

$$I_i = \text{OFF} = I_{cw}$$

## Via ETU Keypad:

Below 1000A: 10 ampere steps

1000A – 1600A: 50 ampere steps

1600A – 10000A: 100 ampere steps

Above 10000A: 1000 ampere steps

## Via WLBD, MODBUS, or PROFIBUS:

1 ampere steps

Siemens Type WL Low Voltage Power Circuit Breakers<sup>®</sup>

Intelligent Power Control, Monitoring, and Protection

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## Abbreviations / Definitions

$I_{cw}$	Rated short circuit withstand current (amperes)
$I_i$	Instantaneous pickup setting (amperes)
$I_{tol}$	Tolerance band for the instantaneous pickup setting (%)
$I_n$	Continuous current rating, as defined by the rating plug (amperes)
Total Clearing Time	Elapsed time from the initiating point of an overcurrent event, until the final circuit interruption, at maximum rated voltage (seconds).

The information provided in this brochure contains merely general descriptions of characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

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