

“Dear OMICRON Technical Support,
In your ARCO Control software, I see that you have all the TCC 113 curve, however my controller is programmed for a KYLE 113 curve. Is there a difference? If so, where do I find the KYLE curve?
Regards,
OMICRON User”

Hi OMICRON User,
That is a great question! The TCC curves stand for Time Current Characteristic and are equation-based curves which are provided by the manufacturers of the recloser controllers. These TCC curves model the original KYLE curves, which were point based to mimic pluggable resistors on older style recloser controllers.

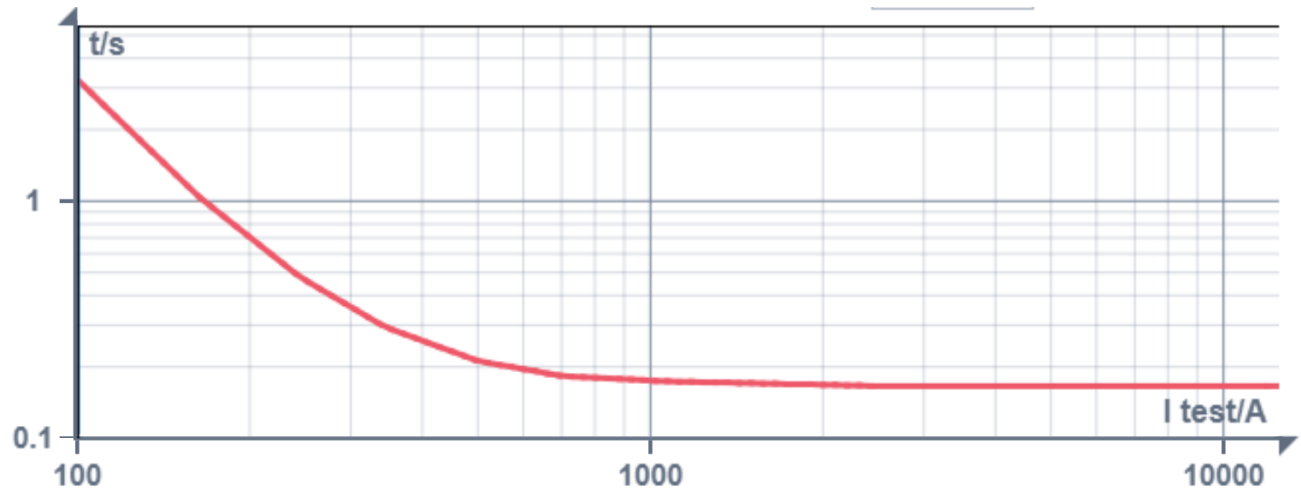


Figure 1 Point based KYLE 113 Curve

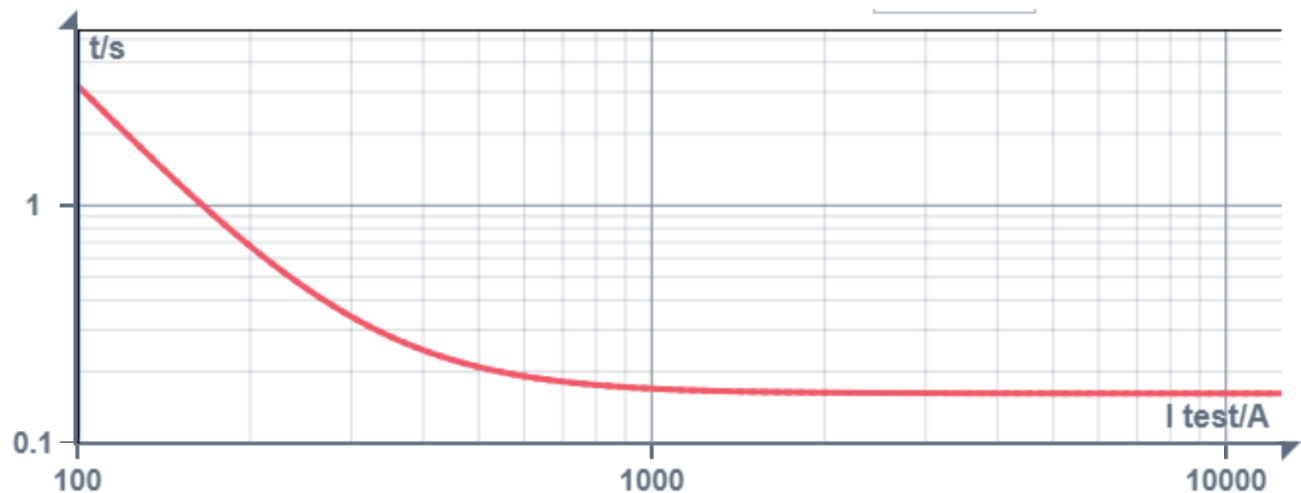


Figure 2 Equation based 133 Time Current Characteristic

If we examine the curves closer, we notice that the point-based curves are less smooth compared to the equation-based model of the curve.

If you are interested in these point-based KYLE curves, they can be found on our customer portal at:
<https://my.omicronenergy.com/software/arco-control/trip-time-characteristics/>

Best Regards,
The OMICRON Technical Support Team