

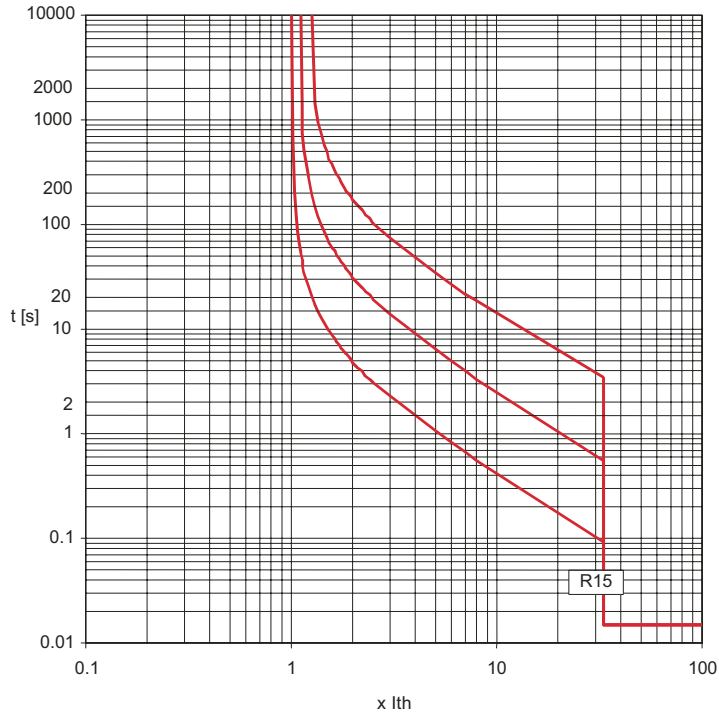
# Protective releases

## Thermal-magnetic overcurrent release

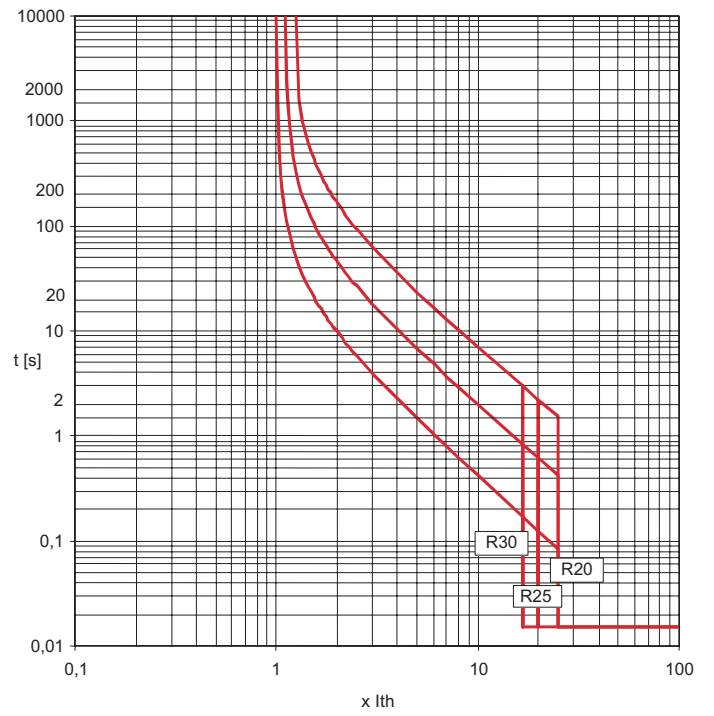
### Time-current curves, S3



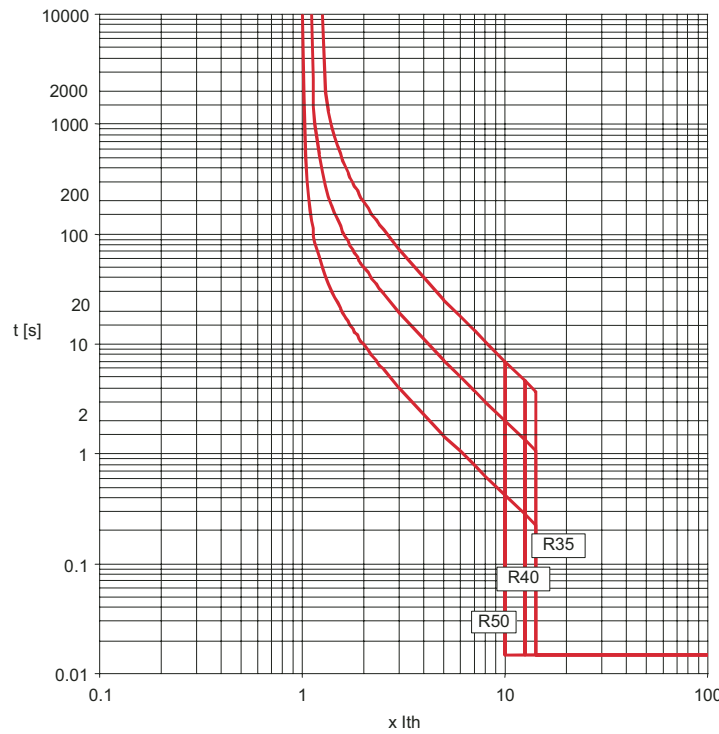
**S3, R15**



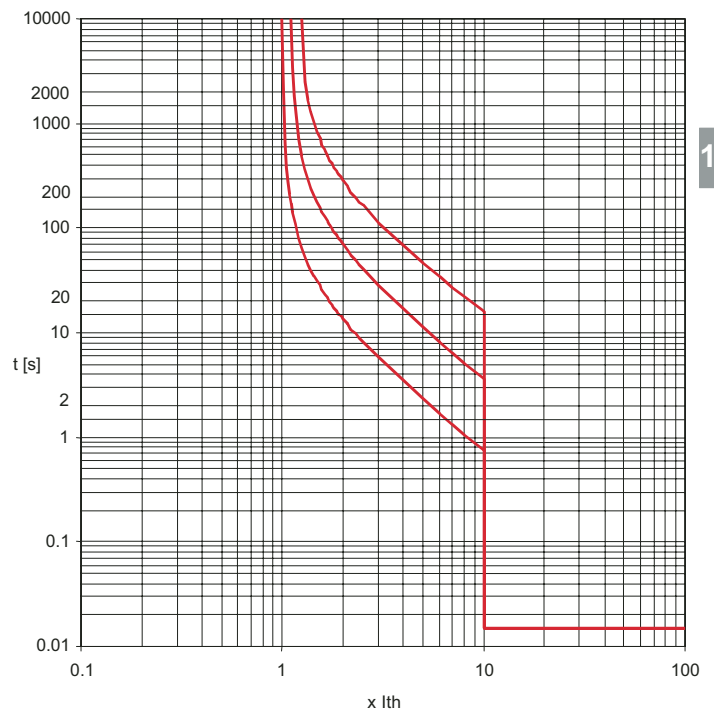
**S3, R20-R30**



**S3, R35-R50**



**S3, R50-R100**



Ⓞ Direct current may shift tripping characteristic. Consult ABB.