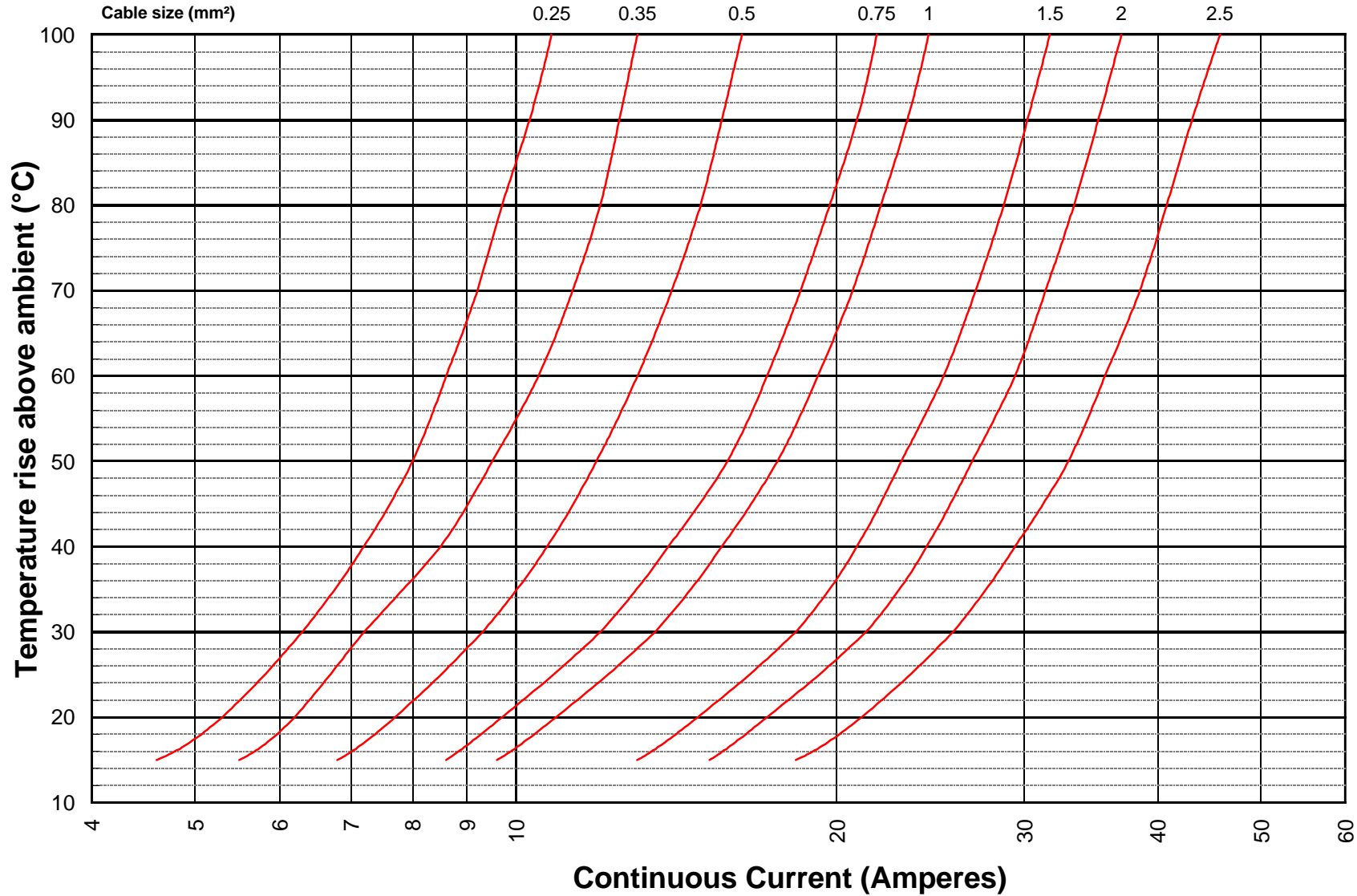


# Temperature Rise v Current Guide

## For Type FLDW0311 in Free Air (Single core)



| No of Derating cores | Factor |
|----------------------|--------|
| 2                    | 0.825  |
| 3                    | 0.73   |
| 4                    | 0.66   |
| 7                    | 0.54   |
| 9                    | 0.49   |
| 12                   | 0.43   |
| 15                   | 0.39   |
| 18                   | 0.36   |
| 21                   | 0.33   |
| 24                   | 0.31   |
| 27                   | 0.29   |
| 30                   | 0.28   |
| 37                   | 0.26   |

For ambients other than 20°C divide the current by:  $\sqrt{(234.5 + \text{ambient})/254.5}$   
 For equally loaded multicores, multiply current by multicore derating factor.