



<b>Categoria de atendimento Energisa.</b>
Referencia do pela norma vigente da Energisa NDU001(ver.5.1), a categoria de atendimento será: B1 - 2#6(6) - DTM 40A [Curva C de 5kA].

$d1(kW) = [(4913 \times 0,40) = 1965,20W]$ $d5(kW) = [(1400 \times 3) = 4200W]$
$D(W) = d1(kW) + d5(kW)$ $D(W) = 1965,2 + 4200$ $D(W) = 6165,20W$ $D(kW) = 6,16 kW$

$$\begin{aligned} I_n &= D(\text{kW})/220 \\ I_n &= 6,16/220 \\ I_n &= 28,02 \text{ A} \\ I_c(\text{Corrig.20\%}) &= 33,62 \end{aligned}$$
