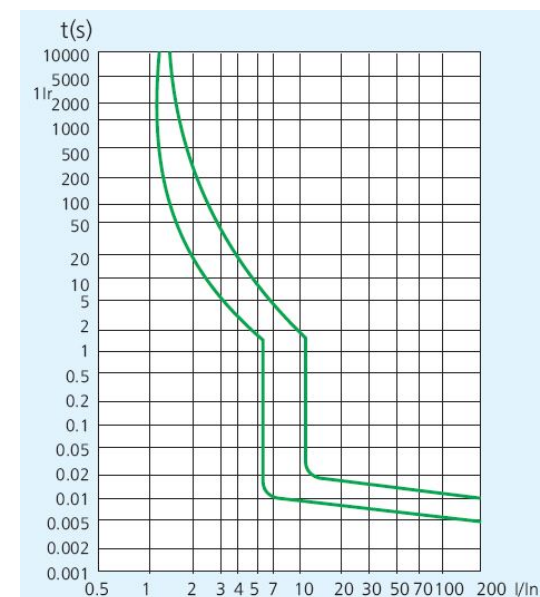


## DZ47LE RESIDUAL CURRENT OPERATED CIRCUIT BREAKER

Model		DZ47LE-63			
<p>The flow of current through electrical facilities always involves risks. Poorly insulated equipment, faulty wires and incorrect use of an electrical device cause currents to flow through the wrong path (i.e., through the insulation) to the earth. Earth Leakage is an electrical hazard and is responsible for electrical shocks and fire risk. Earth Leakage and its associated hazard can be prevented by residual current circuit breaker (RCCB), also popularly known as Earth Leakage Circuit Breaker (ELCB). DZ47LE-63 Range : 16A to 63A</p>					
Standard		IEC 61008-1			
Poles		1P+N, 2P, 3P, 3P+N,			
Type (Wave form of the earth leakage sensed)		AC			
Electrical Features	Temperature ambient	- Operation - storage	-5°C ~ +40°C -25°C ~ +55°C		
	Rated residual $\Delta n$	A	0.03, 0.3, 0.1		
	Rated current $I_n$	A	6, 10, 16, 20, 25, 32, 40, 50 & 63		
	Rated voltage $U_e$	V	240/415Vac		
	Insulation voltage $U_i$	V	230/400 – 240/415		
	Rated frequency	HZ	50/60		
	Breaking short circuit capacity $I_{cn}$ 240/415Vac	KA	4.5		
	Breaking time under $I_{\Delta n}$	s	<= 0.1		
	Rated impulse (1.2/50) $U_{imp}$	V	4000		
	Dielectric TEST voltage at ind.Feeq. For 1min	KV	2		
Mechanical Features	Ingress Protection	IP20			
	connection	Terminal Style			
	Mechanical life	20000 operation			
	Electrical life	6000 operation			
	Contactors Position indicator	yes			
Installation	Mounting position	0 ~ 360°			
	Terminal connection type	Cable/ U-type busbar/ Pin-type busbar			
	Mounting Method	Rail DIN 35mm (EM50022) by means of fast clip device			
Thread flexible		(mm/AWG)			
			<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">1x1...25/16...4</td> <td style="width: 50%; border: none;">1x1...70</td> </tr> <tr> <td style="border: none;">2x1...10/10...4</td> <td style="border: none;">2x1...16</td> </tr> </table>	1x1...25/16...4	1x1...70
1x1...25/16...4	1x1...70				
2x1...10/10...4	2x1...16				

Curves



▶ **Maior Proteção** ▶ ▶ **Menor Proteção**  
 Classe 1    Classe 2    Classe 3

**Aplicável para circuitos indutivos conforme curva característica**

ATUAÇÃO INSTANTÂNEA EM UM TEMPO MENOR QUE 0.1 S	CLASSIFICAÇÃO QUANTO A CORRENTE DE ABERTURA
3 In = I <sub>c</sub> < 10 In	Classe 1
10 In = I <sub>c</sub> < 20 In	Classe 2
20 In = I <sub>c</sub> < 50 In	Classe 3

