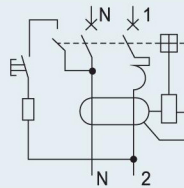


GHR21EW-40 Residual Current Circuit Breaker with Over Current Protection



	Standard		IEC/EN 61009
Electrical features	Mode		Electronic type
	Type(wave form of the earth leakage sensed)		AC
	Thermo-magnetic release characteristic		B,C
	Rated current I_n	A	2, 4, 6, 10, 16, 20, 25, 32, 40
	Poles	P	1P+N N-Pole break
	Rated voltage U_e	V	AC 230
	Rated sensitivity $I_{\Delta n}$	A	0.01, 0.03, 0.1
	Rated residual making and breaking capacity $I_{\Delta m}$	A	500
	Rated short-circuit capacity I_{cn}	A	4500
	Break time under $I_{\Delta n}$	s	≤ 0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50) U_{imp}	V	4000
	Dielectric test voltage at ind.Freq for 1min	kV	2
	Insulation voltage U_i	V	250
Mechanical features	Pollution degree		2
	Electrical life		4000
	Mechanical life		4000
	Fault current Indicator		Yes
	Protection degree		IP20
	Ambient temperature (with daily average $\leq 35^\circ\text{C}$)	$^\circ\text{C}$	-5~+40(Special application please refer to temperature compensation correction)
	Storage temperature	$^\circ\text{C}$	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar/U type busbar
	Terminal size top/bottom for cable	mm^2	16
		AWG	18-5
	Terminal size top/bottom for busbar	mm^2	25
		AWG	18-3
	Mounting		On DIN rail EN 60715(35mm) by means of fast clip device
	Connection		From top

Wiring Diagram



Overall and mounting dimensions(mm)

