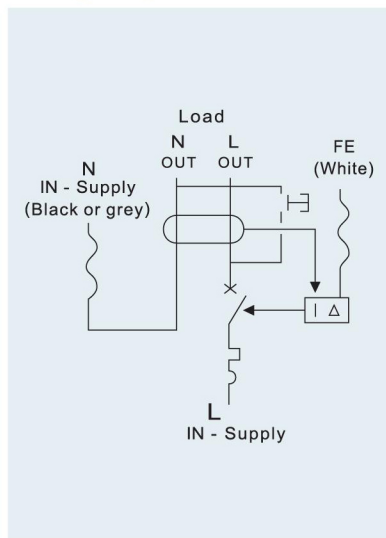


GHR21EL-40 Residual Current Circuit Breaker with Over Current Protection

	Standard		IEC/EN 61009-1
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
	Rated voltage U_e	V	AC 240
	Rated sensitivity $I_{\Delta n}$	A	0.01,0.03,0.1,0.3
	Rated residual making and breaking capacity $I_{\Delta m}$	A	500
	Rated short-circuit capacity I_{cn}	A	6000
	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 1 min	kV	2
	Insulation voltage U_i		500
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	4000
	Contact position 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/U-type busbar/Pin-type busbar
	Terminal size top/bottom for cable	mm^2	16
		AWG	18-5
	Terminal size top/bottom for busbar	mm^2	16
		AWG	18-5
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top

Wiring Diagram



Overall and mounting dimensions(mm)

