

GHM21-63 Miniature Circuit Breaker



	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	2,4,6,10,16,20,25,32,40,50,63
	Poles	P	1,2,3,4
	Rated voltage Ue	V	AC 240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	2~32A 6kA / 40~63A 4.5kA
	Rated impulse withstand voltage(1.2/50) Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average ≤35°C)	°C	-5~+40(Special application please refer to temperature compensation correction)
Installation	Storage temperature	°C	-25~+70
	Terminal connection type		Cable / Pin-type busbar / U type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs.	18
	Mounting		On DIN rail EN 60715(35mm) by means of fast clip device
	Connection		From top and bottom

Temperature derating

Please refer to table below for temperature compensation correction

Rated current In(A)	Temperature compensation coefficient under various operational temperature								
	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	55°C	60°C
1~6	1.20	1.14	1.09	1.05	1.00	0.96	0.80	0.75	0.70
10~32	1.18	1.12	1.08	1.04	1.00	0.96	0.92	0.88	0.84
40~60	1.16	1.12	1.07	1.03	1.00	0.97	0.87	0.83	0.80

Overall and mounting dimensions(mm)

