

GMP60T



GMP60T(Din rail)

GMP60T(Panel)

Specification (Tunnel type /Economic type EMPR)

Connection methods	Tunnel type
Auxiliary contact	1SPDT 1c (N type) <i>note 1)</i>
Current setting range	0.5~6/3~30/5~60A
Operating time characteristics	Definite time
Number of built-in CT (deflector)	2 (R, T type)
Operating power	AC24V/48V/110V/220V/380V(440) AC180~480V AC110V/220V (GMP60TA)
Return (reset) method/time	Manual/Electrical return (Standard) Manual/Auto/Electrical return (60TA)
Using Inverter Secondary	Available



Definite time

Type (GMP22-□)		GMP60T	GMP60TE	GMP60TA
Protection	Overcurrent	✓	✓	✓
	Lock/Stall	✓	✓	✓
	Phase failure	✓ <i>note 2)</i>	✓ <i>note 2)</i>	✓ <i>note 2)</i>
Operation time setting		0~30sec	5sec (Fixed)	5sec (Fixed)
Auto-return setting		-	-	0~120sec
Certification	UL, CE	✓	✓	-

Note 1. 1c contacts have two types of products: N-type (Fail Safe/Normal Energied) and R-type(Non Fail Safe / Normal De-Energied). In terms of product reliability, N-type (Fail Safe) product is recommended to be used

2. The product detects phase failure of the phase (R, T) connected with two CTs in order for protection.

Order type



note 1)

If external CT (current transformer) is used, the product is applicable to a large current of 60A or more.

Mounting type	Model/CT	Operating characteristics	Current setting range	Order type
Pin type	GMP60T - 2CT type	Defined Time characteristics D-Time : 0~30sec O-Time : 0~15sec	0.5 - 6A	GMP60T 6A
			3 - 30A	GMP60T 30A
			5 - 60A	GMP60T 60A
	GMP60TE - 2CT type - Economic type	Defined Time characteristics D-Time : 0~30sec O-Time : 5sec (Fixed)	0.5 - 6A	GMP60TE 6A
			3 - 30A	GMP60TE 30A
			5 - 60A	GMP60TE 60A
	GMP60TA - 2CT type - Auto-return	Defined Time characteristics D-Time : 0~30sec O-Time : 5sec (Fixed) A-Time : 0~120sec	0.5 - 6A	GMP60TA 6A
			3 - 30A	GMP60TA 30A
			5 - 60A	GMP60TA 60A

*Auto Reset: applicable only at Overcurrent Trip

Note 1) If you want to use the screw directly on the panel or a combination on top of your CT, please order the product code marked with "PANEL".

Technical information

Install	Screw / rail mounting
Tolerance	Current : ±5% Time : ±5% (or ±0.5sec)
Frequency	50/60Hz
Aux. contact Ratings	5A/250VAC Resistive load
Insulation resistance	Minimum 100MΩ/500VDC
Lightning impulse voltage	1.2×50μs 5kV With standard waveform (IEC60255-22-5)
Fast Transient Burst	2kV/1min (IEC61000-4-4)
Environment	Operation : -25~70°C Storage : -30~80°C Relative humidity : within 80% RH, no condensation
Trip indicator	Red LED
Application specification	IEC60947-1