

Catalogue number: **GTK-12M Range**

Bimetallic style Overload Relay: 0.1~16A Suits for LS Mini Contactors



Electronic Overload relay

- Direct mountable to mini contactor with screw clamps.
- Optional base for DIN rail or crew mount.
- Compact size with a width of 44mm.
- 1 N/O+1N/C trip contacts
- Manual/Automatic reset convertible.
- Optional remote reset
- Trip Free Design

Generic photo only (actual product may change depending on configuration)

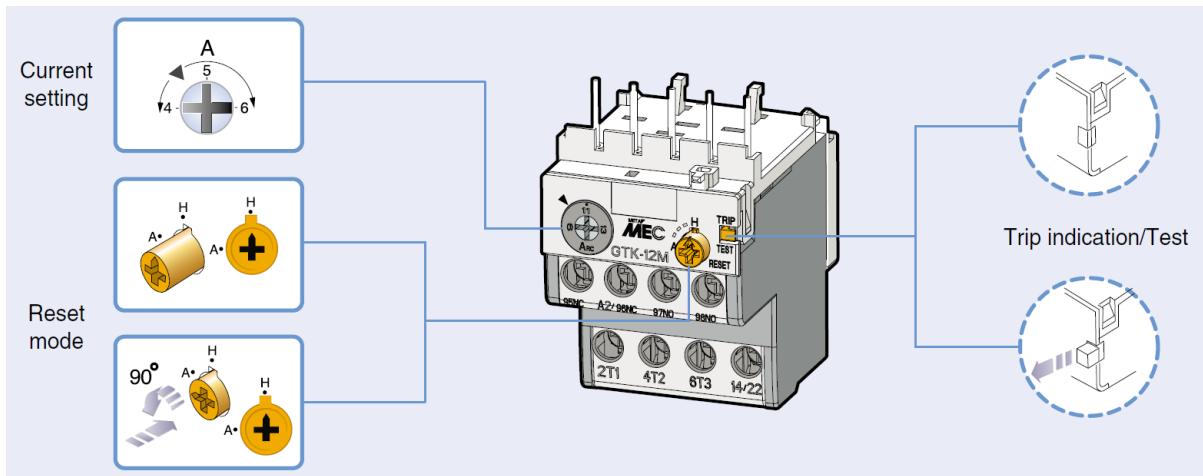
Part Number	Setting Range	Type
GTK-12M-0.16	0.1 - 0.6A	Differential Current/ Phase Fail Protection
GTK-12M-0.25	0.16 - 0.25A	Differential Current/ Phase Fail Protection
GTK-12M-0.4	0.25 - 0.4A	Differential Current/ Phase Fail Protection
GTK-12M-0.63	0.4 - 0.63A	Differential Current/ Phase Fail Protection
GTK-12M-1	0.63 - 1A	Differential Current/ Phase Fail Protection
GTK-12M-1.6	1 - 1.6A	Differential Current/ Phase Fail Protection
GTK-12M-2.5	1.6 - 2.5A	Differential Current/ Phase Fail Protection
GTK-12M-4	2.5 - 4A	Differential Current/ Phase Fail Protection
GTK-12M-6	4 - 6A	Differential Current/ Phase Fail Protection
GTK-12M-8	5 - 8A	Differential Current/ Phase Fail Protection
GTK-12M-9	6 - 9A	Differential Current/ Phase Fail Protection
GTK-12M-10	7 - 10A	Differential Current/ Phase Fail Protection
GTK-12M-13	10 - 13A	Differential Current/ Phase Fail Protection
GTK-12M-16	12 - 16A	Differential Current/ Phase Fail Protection

Auxiliary (Trip) Contact Rating				
AC15(11) duty			DC13(11) duty	
110V	220V	550V	110V	220V
2.5(0.3)A	2(0.3)A	1(0.3)A	0.28A	0.14A

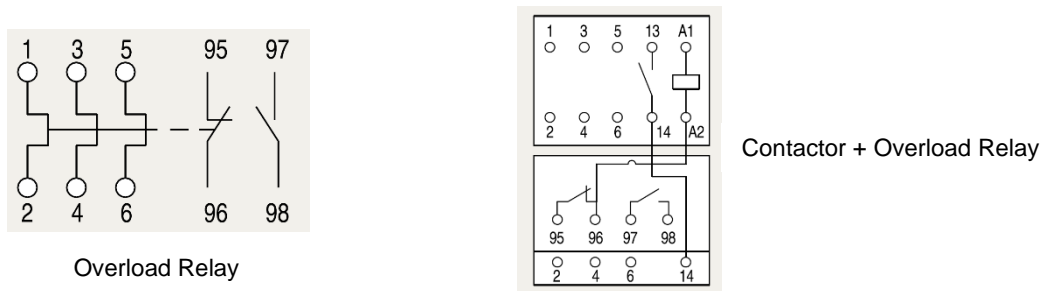
****Note:** Values in () are the ratings of NO contact under auto reset mode.

Specifications	
Manufacturer	LS Electric
Product range	Metallic Overload Relay
GTK type	Differential Current/Phase failure Protection
Current Rating	0.1~16 A
Number of Poles	3
Trip class	10A according to IEC60947-4-1 1NO+1NC trip contacts Trip free
Reset	Manual/Automatic reset convertible Optional Remote reset
Weight	0.1kg
Environment	Ambient compensated -5 ~ 40°C
Connection	Direct mount to mini Contactor; screw clamps Optional Base (AZ-22H) for DIN rail mount
Suitable Mini Contactor Types	GMC(D)-6M, GMC(D)-9M, GMC(D)-12M, GMC(D)-16M

Overload Relay Setting Info



Circuit Diagram



Catalogue number: **GTK-12M Range**

Bimetallic style Overload Relay: 0.1~16A Suits for LS Mini Contactors



GTK-12M Dimensions

