

## Thermal Overload Relay

Easypact TVS thermal overload relays are designed to protect a.c. circuits and motors against:

- Overload
- Phase failure
- Long starting time
- Prolonged stalled rotor condition

Easypact TVS thermal overload is combined to Easypact TVS contactor

## Relay nhiệt EasyPact TVS - LRE

Ròle nhiệt TVS được thiết kế để bảo vệ mạch điện a.c và động cơ ngăn ngừa

- Quá tải
- Mất pha
- Thời gian khởi động dài
- Kẹt motor

Ròle TVS dùng phối hợp với contactor Easypact TVS



Unit price (incl.VAT) in VND

Class 10A for connection by screw clamp terminals			
Relay setting range (A)	For use with contactor LC1	Reference	Unit price
0.10...0.16	E06...E38	LRE01	332,200
0.16...0.25	E06...E38	LRE02	332,200
0.25...0.40	E06...E38	LRE03	332,200
0.40...0.63	E06...E38	LRE04	332,200
0.63...1	E06...E38	LRE05	332,200
1...1.6	E06...E38	LRE06	332,200
1.6...2.5	E06...E38	LRE07	332,200
2.5...4	E06...E38	LRE08	332,200
4...6	E06...E38	LRE10	332,200
5.5...8	E09...E38	LRE12	332,200
7...10	E09...E38	LRE14	332,200
9...13	E12...E38	LRE16	332,200
12...18	E18...E38	LRE21	332,200
16...24	E25...E38	LRE22	332,200
23...32	E25...E38	LRE32	332,200
30...38	E38	LRE35	363,000
17...25	E40...E95	LRE322	671,000
23...32	E40...E95	LRE353	671,000
30...40	E40...E95	LRE355	671,000
37...50	E50...E95	LRE357	671,000
48...65	E65...E95	LRE359	671,000
55...70	E80...E95	LRE361	1,938,200
63...80	E80...E95	LRE363	1,919,500
80...104	E95	LRE365	1,956,900
Class 10A for connection by screw clamp terminals			
51...81	E120...E0	LRE480	2,050,400

## Easypact TVS - LC1E and GZ1

Unit price (incl.VAT) in VND



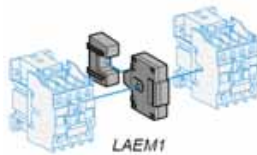
### Thermal Magnetic Motor Circuit Breakers - GZ1

Standard power ratings of 3-phase motors 50/60Hz in category AC-3					Setting range of thermal trips	Magnetic tripping current I <sub>d</sub> ± 20%	Reference	Unit Price (VND)
230V	400V	440V	500V	690V				
kW	kW	kW	kW	kW	A	A		
-	-	-	-	-	0.1...0.16	1.5	<b>GZ1E01</b>	844,800
-	-	-	-	-	0.16...0.25	2.4	<b>GZ1E02</b>	844,800
-	-	-	-	-	0.25...0.40	5	<b>GZ1E03</b>	844,800
-	-	-	-	0.37	0.40...0.63	8	<b>GZ1E04</b>	844,800
-	-	-	0.37	0.55	0.63...1	13	<b>GZ1E05</b>	899,800
-	0.37	0.55	0.75	1.1	1...1.6	22.5	<b>GZ1E06</b>	899,800
0.37	0.75	1.1	1.1	1.5	1.6...2.5	33.5	<b>GZ1E07</b>	899,800
0.75	1.5	1.5	2.2	3	2.5...4	51	<b>GZ1E08</b>	899,800
1.1	2.2	3	3.7	4	4...6.3	78	<b>GZ1E10</b>	899,800
2.2	4	4	5.5	7.5	6...10	138	<b>GZ1E14</b>	970,200
-	5.5	5.5	9	11	9...14	170	<b>GZ1E16</b>	1,089,000
4	7.5	9	10	15	13...18	223	<b>GZ1E20</b>	1,089,000
5.5	9	11	11	18.5	17...23	327	<b>GZ1E21</b>	1,089,000
5.5	11	11	15	22	20...25	327	<b>GZ1E22</b>	1,089,000
7.5	15	15	18.5	22	24...32	416	<b>GZ1E32</b>	1,089,000

### Easypact TVS Accessories for motor reverse assembly

#### Contactors with screw clamp terminals

Using 2 identical contactors	Mechanical Interlock	Reference	Unit Price (VND)
Mechanical Interlock			
LC1E06...E12		<b>LAEM1</b>	78,100
LC1E18 / E25		<b>LAEM1</b>	78,100
LC1E32 / E38		<b>LAEM1</b>	78,100
LC1E40...E65		<b>LAEM1</b>	78,100
LC1E80 / E95		<b>LAEM4</b>	176,000
LC1E120 / E160		<b>LAEM5</b>	701,800
LC1E200 / E250		<b>LAEM6</b>	704,000
LC1E300		<b>LAEM7</b>	988,900
LC1E400		<b>LAEM7</b>	988,900
LC1E500		<b>LAEM7</b>	988,900
LC1E630		<b>LAEM8</b>	1,167,100



#### Instantaneous Auxiliary contact Blocks for connection by screw clamp terminals

##### For use in normal operating environment

Clip - on Mounting	Number of contacts Per Block	Reference	Unit Price (VND)
Front	1 NO / 1 NC	<b>LAEN11</b>	78,100
	2 NO	<b>LAEN20</b>	78,100
	2 NC	<b>LAEN02</b>	78,100
	2NO / 2 NC	<b>LAEN22</b>	156,200



#### Time delay auxiliary contact blocks for connection by screw clamp terminals 8A - 690V

##### For use in normal operating environment

Clip - on Mounting	Number of contacts Per Block	Time delay Type	Setting range	Reference	Unit Price (VND)
Front	1 NO / 1 NC	On-delay	1...30s	<b>LAETSD</b>	1,035,100