

TeSys Protect

LR97, LT47 Electronic over current relays

Product references



LR97D07●●



LT4730●●●●

LR97D electronic over current relays

Relay setting range	Usable range ⁽¹⁾	For use with contactor ⁽²⁾	Relay supply voltage	Reference ⁽³⁾
A				
0.3...1.5	0.3...1.3	LC1 D09...D38	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LR97D015M7 LR97D015F7 LR97D015B LR97D015E
1.2...7	1.2...6	LC1 D09...D38	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LR97D07M7 LR97D07F7 LR97D07B LR97D07E
5...25	5...21	LC1 D09...D38	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LR97D25M7 LR97D25F7 LR97D25B LR97D25E
20...38	20...34	LC1 D25...D38	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LR97D38M7 LR97D38F7 LR97D38B LR97D38E

LT47 electronic over current relays

Relay setting range	Usable range ⁽¹⁾	Relay supply voltage	Reference
A			
LT47 relay with manual/electric reset			
0.5...6	0.5...5	~ 200...240 V ~ 100...120 V ~/~ 24 V	LT4706M7S LT4706F7S LT4706BS
3...30	3...25	~ 200...240 V ~ 100...120 V ~/~ 24 V	LT4730M7S LT4730F7S LT4730BS
5...60	5...50	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LT4760M7S LT4760F7S LT4760BS LT4760ES
LT47 relay with automatic reset			
0.5...6	0.5...5	~ 200...240 V ~/~ 24 V	LT4706M7A LT4706BA
3...30	3...25	~ 200...240 V ~ 100...120 V ~/~ 24 V ~/~ 48 V	LT4730M7A LT4730F7A LT4730BA LT4730EA
5...60	5...50	~ 200...240 V ~/~ 24 V	LT4760M7A LT4760BA

Accessories (to be ordered separately)

Description	For use with	Sold in lots of	Unit reference
Pre-wiring kits allowing connection of the LR97D relay N/C contact directly to the contactor	LC1 D09...D18	10	LAD7C1
	LC1 D25...D38	10	LAD7C2
Terminal block for clip-on mounting on 35 mm rail (AM1 DP200)	LR97D	1	LAD7B106

(1) To allow adjustment of the tripping sensitivity, see adjustment method (page B11/56).

(2) Please see chapter B8.

(3) If a pre-wiring kit is used, it is no longer possible to electrically wire signalling of tripped status.