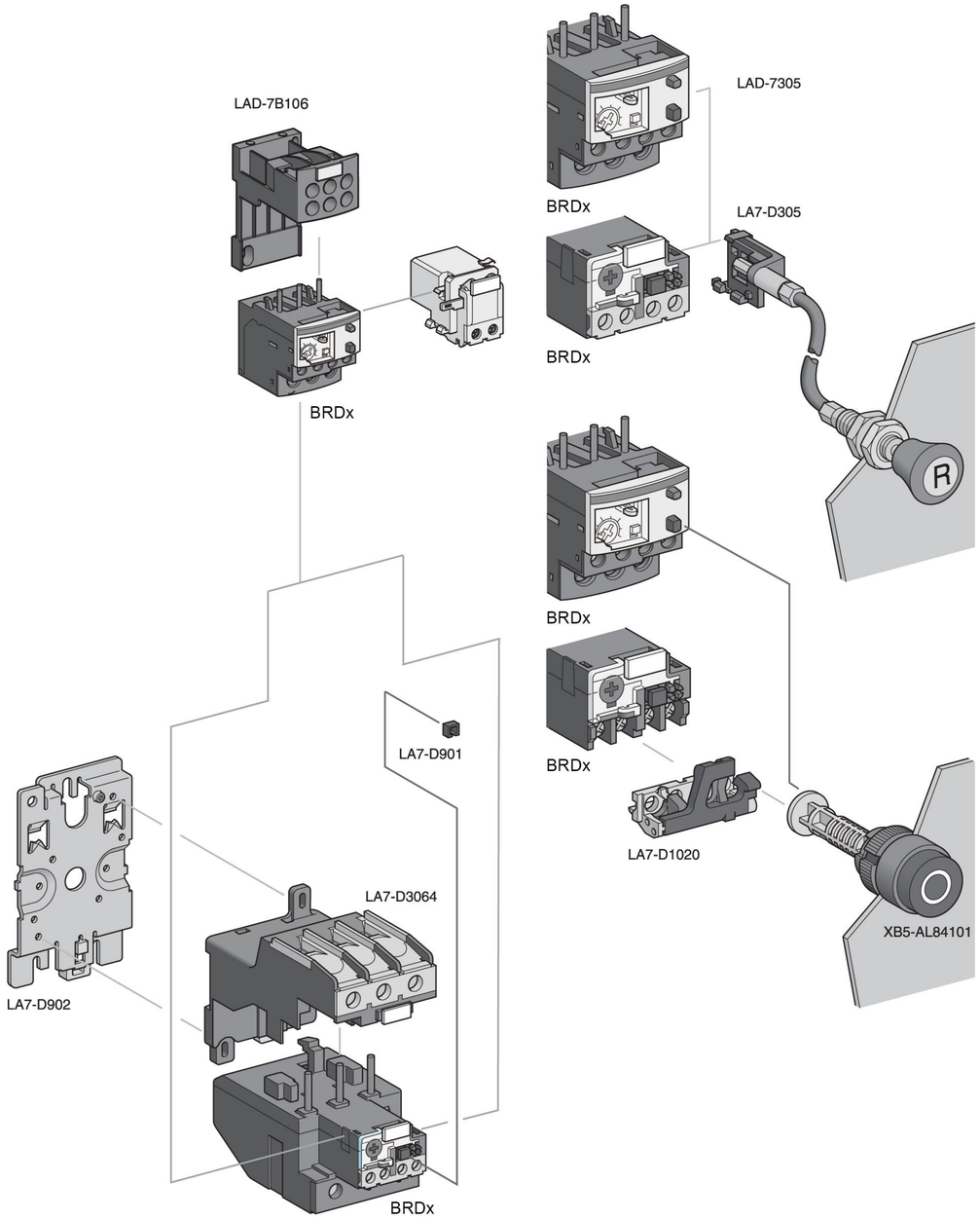
1.General

BRDx thermal overload relays are designed for use with contactors BC1Dx. BRDx Series overload relays apply to circuit of AC 50Hz or 60Hz, rated voltage to below 660V and rated current 0.1A~95A for AC motor overload and single phase protection during a long time or intermittent long time service, which can also protect three-phase serious imbalance and long starting time of motor or long time operation. It can also be used for corresponding AC contactor for electromagnetic starter.

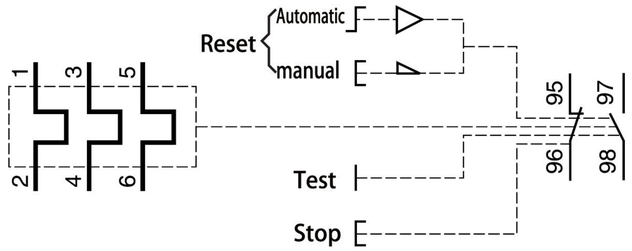
2.Specifications

Type code	Setting range	For use with contactor BC1Dx	code
BRDx01	0.1~0.16	D09~D38	5205010
BRDx02	0.16~0.25	D09~D38	5205020
BRDx03	0.25~0.40	D09~D38	5205040
BRDx04	0.40~0.63	D09~D38	5205060
BRDx05	0.63~1	D09~D38	5205080
BRDx06	1~1.6	D09~D38	5205100
BRDx07	4.6~2.5	D09~D38	5205130
BRDx08	2.5~4	D09~D38	5205160
BRDx10	4~6	D09~D38	5205180
BRDx12	5.5~8	D09~D38	5205190
BRDx14	7~10	D09~D38	5205200
BRDx16	9~13	D12~D38	5205220
BRDx21	12~18	D18~D38	5205230
BRDx22	16~24	D25~D38	5205240
BRDx32	23~32	D25~D38	5205260
BRDx35	30~38	D32~D38	5205290

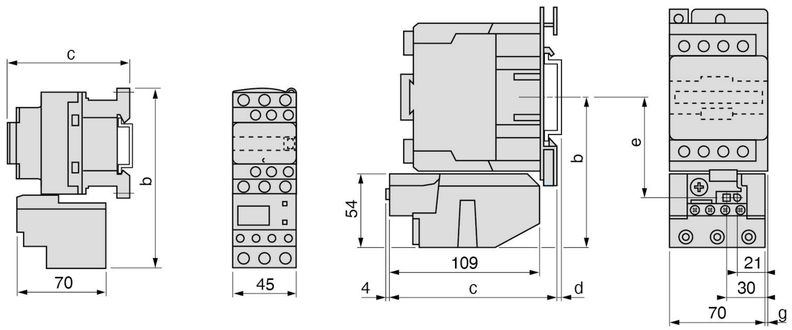
3.Accessories installation



4.Circuit Diagram



5.Dimensions



6.Order Note

Following items should be marked when ordering	Ordering sample
Product name and model Rated current Setting current range Quantity	To order BRDx thermal relay, rated current is 25A, setting current range is 18A, quantity is 1000 pieces, should be marked: Thermal relay BRDx-25/18, 1000PCS.