

(4) Thermal Overload Relays

● Standard thermal overload relays

Frame	Type of magnetic starters	Separate mounting type	Certificate No.
0N	TR-0N/3	TR-0NH/3	2003010304063397
5-1N	TR-5-1N/3	TR-5-1NH/3	2003010304063400
N2	TR-N2/3	TR-N2H/3	2003010304063425
N3	TR-N3/3	TR-N3H/3	2003010304063404
N5	TR-N5/3		
N6	TR-N6/3	TR-N6H/3	2003010304063447
N7	TR-N7/3		
N8	TR-N8/3		
N10	TR-N10/3	TR-N10H/3	2003010304063429
N12	TR-N12/3	TR-N12H/3	2003010304063434
N14	TR-N14/3	TR-N14H/3	2003010304063406

● Quick operating type thermal overload relays

Frame	Type of magnetic starters	Separate mounting type	Certificate No.
0N	TR-0NQ	TR-0NQH	2003010304063397
5-1N	TR-5-1NQ	TR-5-1NQH	2003010304063400
N2	TR-N2Q	TR-N2QH	2003010304063425
N3	TR-N3Q	TR-N3QH	2003010304063404
N5	TR-N5Q		

● Automatically resetting type thermal overload relays

Frame	Type of magnetic starters	Separate mounting type	Certificate No.
0N	TR-0N/3A	TR-0NH/3A	2003010304063397
5-1N	TR-5-1N/3A	TR-5-1NH/3A	2003010304063400
N2	TR-N2/3A	TR-N2H/3A	2003010304063425
N3	TR-N3/3A	TR-N3H/3A	2003010304063404
N5	TR-N5/3A		
N6	TR-N6/3A	TR-N6H/3A	2003010304063447
N7	TR-N7/3A		
N8	TR-N8/3A		
N10	TR-N10/3A	TR-N10H/3A	2003010304063429
N12	TR-N12/3A	TR-N12H/3A	2003010304063434
N14	TR-N14/3A	TR-N14H/3A	2003010304063406

● Thermal overload relays for high-sensitivity contactor

Frame	Type of magnetic starters	Certificate No.
0N	TR-0NZ716/3 TK-0NZ716	2003010304063397

● 2E thermal overload relays

Frame	Type of magnetic starters	Separate mounting type	Certificate No.
0N	TK-0N	TK-0NH	2003010304063397
5-1N	TK-5-1N	TK-5-1NH	2003010304063400
N2	TK-N2	TK-N2H	2003010304063425
N3	TK-N3	TK-N3H	2003010304063404
N5			
N6	TK-N6	TK-N6H	2003010304063447
N7	TK-N7		
N8	TK-N8		
N10	TK-N10	TK-N10H	2003010304063429
N12	TK-N12	TK-N12H	2003010304063434
N14	TK-N14	TK-N14H	2003010304063406

● 2E quick operating type thermal overload relays

Frame	Type of magnetic starters	Separate mounting type	Certificate No.
0N	TK-0NQ	TK-0NQH	2003010304063397
5-1N	TK-5-1NQ	TK-5-1NQH	2003010304063400
N2	TK-N2Q	TK-N2QH	2003010304063425
N3	TK-N3Q	TK-N3QH	2003010304063404
N5	TK-N5Q		

● FC series thermal overload relays

Frame	Type of magnetic starters	Certificate No.
0NF	TR-0NF/3 TK-0NF TR-0NFQ TK-0MFQ	2003010304063397
5-1N	TR-5-1N/3 TK-5-1N TR-5-1NQ TK-5-1NQ	2003010304063400
N2F	TR-N2F/3 TK-N2F TR-N2FQ TK-N2FQ	2003010304063425
N3	TR-N3/3 TK-N3 TR-N3Q TK-N3Q	2003010304063404