

Accessories for TC1-D Range Contactors

Control Relays (Ith: 10A) AC-15



EN 60947-4-1

Please note: The control relays are compatible with the TA1 and TA8 range of front and side mounting auxiliary blocks.

AC-15 Rated

Part Number	Description	Price	Per
TCA2-DN22B7	24V AC 2N/O + 2N/C	£14.81	1
TCA2-DN22E7	48V AC 2N/O + 2N/C	£14.81	1
TCA2-DN22F7	110V AC 2N/O + 2N/C	£14.81	1
TCA2-DN22P7	230V AC 2N/O + 2N/C	£14.81	1
TCA2-DN31B7	24V AC 3N/O + 1N/C	£14.81	1
TCA2-DN31E7	48V AC 3N/O + 1N/C	£14.81	1
TCA2-DN31F7	110V AC 3N/O + 1N/C	£14.81	1
TCA2-DN31P7	230V AC 3N/O + 1N/C	£14.81	1
TCA2-DN40B7	24V AC 4N/O	£14.81	1
TCA2-DN40E7	48V AC 4N/O	£14.81	1
TCA2-DN40F7	110V AC 4N/O	£14.81	1
TCA2-DN40P7	230V AC 4N/O	£14.81	1

Selecting the Thermal Overload Relay

For safety reasons the rating of an overload should not exceed the rating of the contactor it is being used with. However, in specific applications when a contactor is used based on the AC-1 rating (Resistive load) then an overload up to the AC-1 rating can be safely used.

For example: A contactor rated 9A AC-3 / 25A AC-1 can be used with a TR2-D25322 (17-25A) to protect a 25A AC-1 load.

Note: The IET Wiring Regulations (BS 7671) clause 552.1.2 states that every electric motor having a rating exceeding 0.37kW shall be provided with control equipment incorporating means of protection against the overload of the motor.

TC1-D & TP1-D Range Contactor Overload Relays



CSA, UL Listed & IEC EN 60947

Overload relays do not fit on TC1 contactors with 2N/O + 2N/C main pole contacts

Part Number	Description	Price	Per
TR2-D09301	0.10 - 0.16A for use with D09 - D38 Contactors	£23.29	1
TR2-D09302	0.16 - 0.25A for use with D09 - D38 Contactors	£23.29	1
TR2-D09303	0.25 - 0.40A for use with D09 - D38 Contactors	£23.29	1
TR2-D09304	0.40 - 0.63A for use with D09 - D38 Contactors	£23.29	1
TR2-D09305	0.63 - 1.00A for use with D09 - D38 Contactors	£23.29	1
TR2-D09306	1.00 - 1.65A for use with D09 - D38 Contactors	£23.29	1
TR2-D09307	1.6 - 2.5A for use with D09 - D38 Contactors	£23.29	1
TR2-D09308	2.5 - 4A for use with D09 - D38 Contactors	£23.29	1
TR2-D09310	4 - 6A for use with D09 - D38 Contactors	£23.29	1
TR2-D09312	5.5 - 8A for use with D09 - D38 Contactors	£23.29	1
TR2-D09314	7 - 10A for use with D09 - D38 Contactors	£23.29	1
TR2-D12316	9 - 13A for use with D09 - D38 Contactors	£24.73	1
TR2-D18321	12 - 18A for use with D09 - D38 Contactors	£29.80	1
TR2-D25322	17 - 25A for use with D09 - D38 Contactors	£34.11	1
TR2-D32353	23 - 32A for use with D25 - D38 Contactors	£44.06	1
TR2-D32355	28 - 36A for use with D32 - D38 Contactors	£44.06	1
TR2-D40353	23 - 32A for use with D40 - D65 Contactors	£49.82	1
TR2-D40355	30 - 40A for use with D40 - D65 Contactors	£49.82	1
TR2-D65357	37 - 50A for use with D50 - D65 Contactors	£63.03	1
TR2-D65359	48 - 65A for use with D65 Contactors	£66.35	1
TR2-D65361	55 - 70A for use with D65 Contactors	£69.79	1
TR2-D80363	63 - 80A for use with D80 Contactors	£80.37	1
TR2-D95365	80 - 93A for use with D95 Contactors	£85.50	1