

I CONTACTOR - TRC2

TRAMONTINA



Rated Current (In)	A	115, 150, 185, 225, 265, 330, 400, 500, 630, 800
Rated Usage Voltage (Eu)	Vac	690
Rated Frequency	Hz	50/60
Coil Voltage	Vac	220
Use Category		AC-1, AC-3 and AC-4
Installation Category		III
Pollution Degree		3
Altitude	m	≤ 2000
Assembly		By screws
Standard		IEC/EN 60947-4-1
Ambient Temperature	°C	- 5 ...+ 40

ELECTRICAL FEATURES

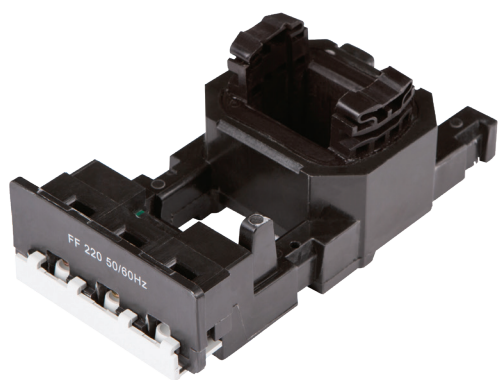
MODEL			TRC2-115	TRC2-150	TRC2-185	TRC2-225	TRC2-265
Rated current at AC-1 [A]			200	200	275	275	315
Rated working current [A]	AC-3 AC-4	380/400 V	115	150	185	225	265
		660/690 V	86	108	118	137	170
Maximum applied engine power	220 - 230 V	kW / CV	30 / 40	37 / 50	45 / 60	55 / 75	75 / 100
	380 - 400 V		55 / 75	75 / 100	90 / 125	110 / 150	132 / 180
	660 - 690 V		75 / 100	90 / 125	110 / 150	132 / 180	160 / 220
Operation Frequency (switchings/hour)	Electrical	AC-3	1200		600		
Service life [x10^6 switching]	Electrical	AC-3	1,2		1		0,8
	Mechanical		10		6		
Vac Coil	Coil Power	Closing [VA]	660		966		840
		Closed [VA]	60		75		100
	Operating Voltage (Pick-up)		85%...110% Rated voltage				
	Exemption Voltage (Drop-out)		20%...75% Rated voltage				
	Coil voltage		220 V (50/60Hz)				

MODEL			TRC2-330	TRC2-400	TRC2-500	TRC2-630	TRC2-800
Rated current at AC-1 [A]			380	450	630	800	800
Rated working current [A]	AC-3 AC-4	380/400 V	330	400	500	630	800 (AC-3)
		660/690 V	235	303	353	462	486 (AC-3)
Maximum applied engine power	220 - 230 V	kW / CV	90 / 125	110 / 150	150 / 200	180 / 250	250 / 350
	380 - 400 V	kW / CV	160 / 220	220 / 300	280 / 380	335 / 455	450 / 600
	660 - 690 V	kW / CV	220 / 300	300 / 400	335 / 455	450 / 600	475 / 646
Operation Frequency (switchings/hour)	Electrical	AC-3	600				
Service life [x10^6 switching]	Electrical	AC-3	0,8			0,6	
	Mechanical		6			3	
Vac Coil	Coil Power	Closing [VA]	1500			1700	
		Closed [VA]	10	20	25		34,2
	Operating Voltage (Pick-up)		85%...110% Rated voltage				
	Exemption Voltage (Drop-out)		10%...75% Rated voltage				
	Coil voltage		220 V (50/60Hz)				

CONNECTION

MODEL	CONNECTION TERMINAL				
	AMOUNT	CABLE CROSS-SECTION (mm²)	BUS CROSS-SECTION	SCREW	TORQUE [Nm]
TRC2-115	1	70~95	-	M6	3
TRC2-150	1	70~95	-	M8	6
TRC2-185	1	95~150	-	M8	6
TRC2-225	1	95~150	-	M10	10
TRC2-265	1	120~185	-	M10	10
TRC2-330	1	185~240	-	M10	10
TRC2-400	1(2)	240(150)	30X5	M10	10
TRC2-500	2	150~185	40X5	M10	10
TRC2-630	2	185~240	50X5	M12	14
TRC2-800	2	185~240	50X5	M12	14

ACCESSORIES



ACTIVATION COILS

Contactor Rated Current			115-150	185-225	265	330	400	500	630	800
Vca	Coil Power	Closing [VA]	660	966	840	1500	1500	1500	1700	1700
		Closed [VA]	60	75	100	10	20	25	25	34,2
	Operating Voltage (Pick-up)		85%...110% Rated voltage							
	Exemption Voltage (Drop-out)		20%...75% Rated voltage			10%...75% Rated voltage				
	Coil voltage		220 Vac (50/60Hz)							
Ambient conditions										
Ambiente temperature		-5...+40°C, the average temperature must not exceed +35°C within 24 hours								
Atmospheric conditions		Humidity should not exceed 50% at +40°C; up to 90% at +20°C								
Altitude		2000 m								
Pollution degree		Classe 3								
Installation category		I								

AUXILIARY CONTACT BLOCK TRF4

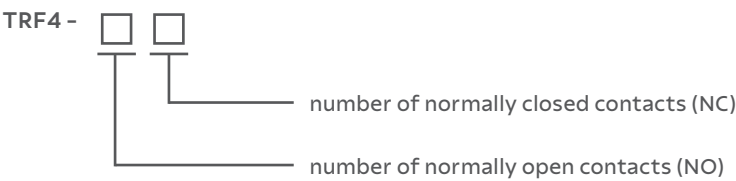


Image	Insulation Voltage	Contact Capacity	Model	Number of Contacts	
				NA	NF
	600 V	AC-15 360 VA	TRF4-20	2	0
			TRF4-11	1	1
			TRF4-02	0	2
			TRF4-40	4	0
	600 V	DC-13 33 W	TRF4-31	3	1
			TRF4-22	2	2
			TRF4-13	1	3
			TRF4-04	0	4

TIMED CONTACT BLOCK TRF5

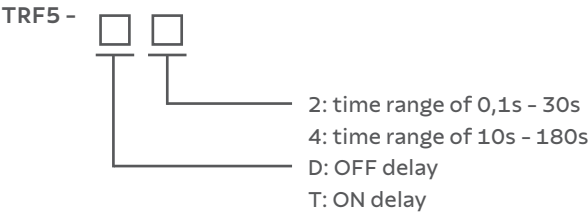
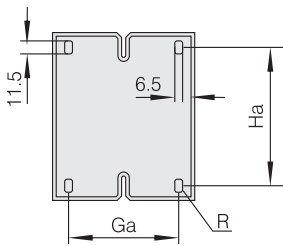
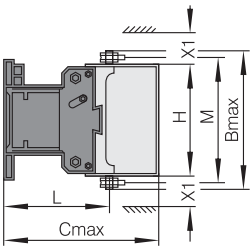
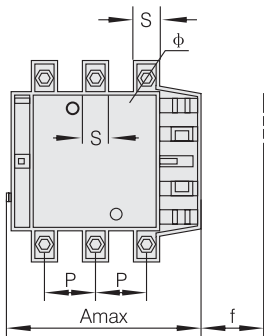


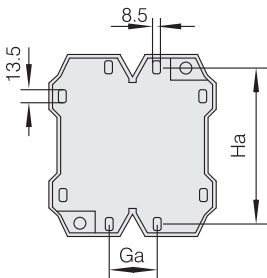
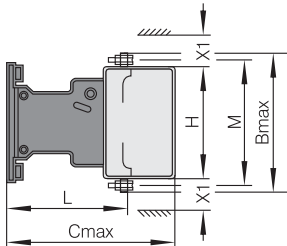
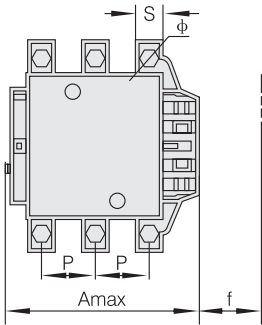
Image	Insulation Voltage	Contact Capacity	Model	Type	Adjustment Range	Auxiliary Contacts
	600 V	AC-15 / 360 VA DC-13 / 33 W	TRF5-D2	OFF Delay	0,1 s - 30 s	1 NO + 1 NC
			TRF5-T2	ON Delay	0,1 s - 30 s	1 NO + 1 NC
			TRF5-T4	ON Delay	10 s - 180 s	1 NO + 1 NC

DIMENSIONS (mm)

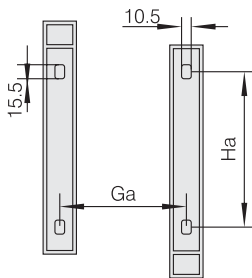
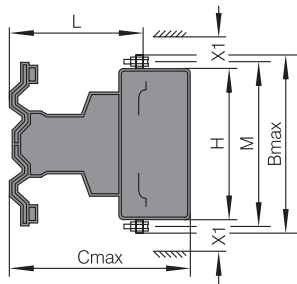
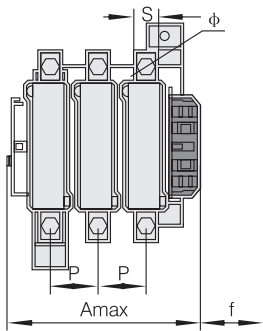
TRC2-115~330



TRC2-400~500



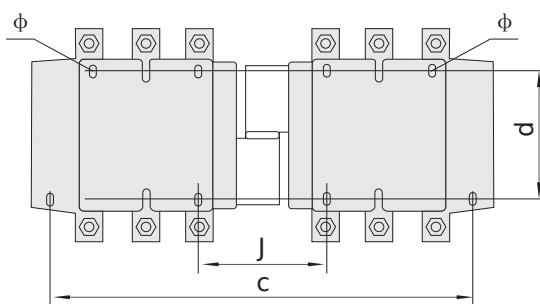
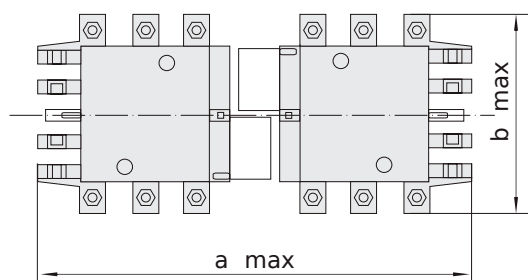
TRC2-630~800



MODEL	TRC2-115	TRC2-150	TRC2-185	TRC2-225	TRC2-265
A	168	168	171	171	202
B	163	171	175	198	204
C	172	172	183	183	215
P	37	40	40	48	48
S	20	20	20	25	25
F	M6	M8	M8	M10	M10
Φ	131	131	131	131	147
M	147	150	154	172	178
H	124	124	127	127	147
L	107	107	113.5	113.5	141
X1 (≤ 500 V)	10	10	10	10	10
X1 (> 500 V)	15	15	15	15	15
Ga	80	80	80	80	96
Ha	110 - 120	110 - 120	110 - 120	110 - 120	110 - 120

MODEL	TRC2-330	TRC2-400	TRC2-500	TRC2-630	TRC2-800
A	215	215	235	312	312
B	208	208	238	305	305
C	220	220	233	256	256
P	48	48	55	80	80
S	25	25	30	40	40
F	M10	M10	M10	M12	M12
Φ	147	147	150	181	181
M	181	181	208	264	264
H	158	158	172	202	202
L	145	145	146	155	155
X1 (≤ 500 V)	10	15	15	20	20
X1 (> 500 V)	15	20	20	30	30
Ga	96	80	80	180	180
Ha	110 - 120	170 - 180	170 - 180	180 - 190	180 - 190

MECHANICAL INTERLOCK



MODEL	A MAX	B MAX	C	D	J
TRC2-115	350	163	330	110 - 120	71
TRC2-150	350	171	330		71
TRC2-185	350	174	330		78
TRC2-225	350	197	330		78
TRC2-265	450	203	428	170 - 180	109
TRC2-330	450	206	428		124
TRC2-400	485	206	460		157
TRC2-500	485	238	460		156
TRC2-630	650	304	625	180 - 190	139
TRC2-800	650	304	625		139