



embraco POWER IN.
CHANGE ON.

EUROPE COMMERCIAL PRODUCT LINE*

R134a | R404A/R507 | R290 | R600a

* Only 50Hz and 3Ø models are listed here.
For 60Hz models and complete data sheet visit our web catalogue
www.embraco.com/catalog

Embraco Commercial Product Overview

EUROPE RANGE



EMT

NEK

NT

NJ

BRAZIL RANGE



EM

F

EG

CONDENSING UNIT



UEMT

UNEK

UNT

UNJ

VCC



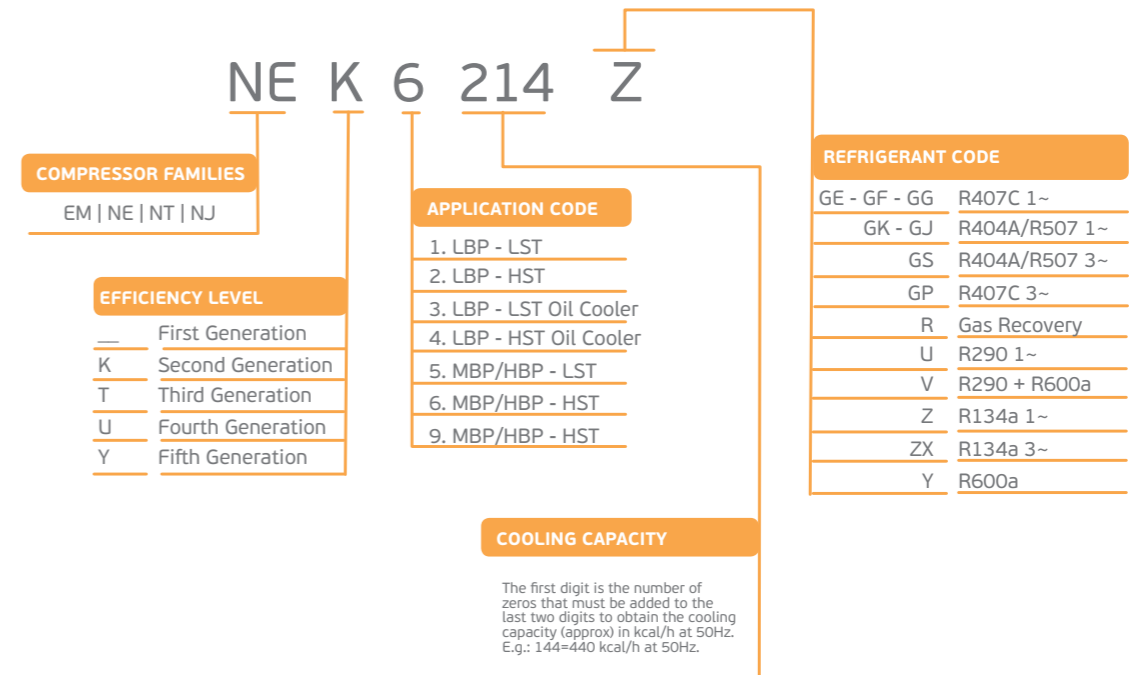
VEM

VEG

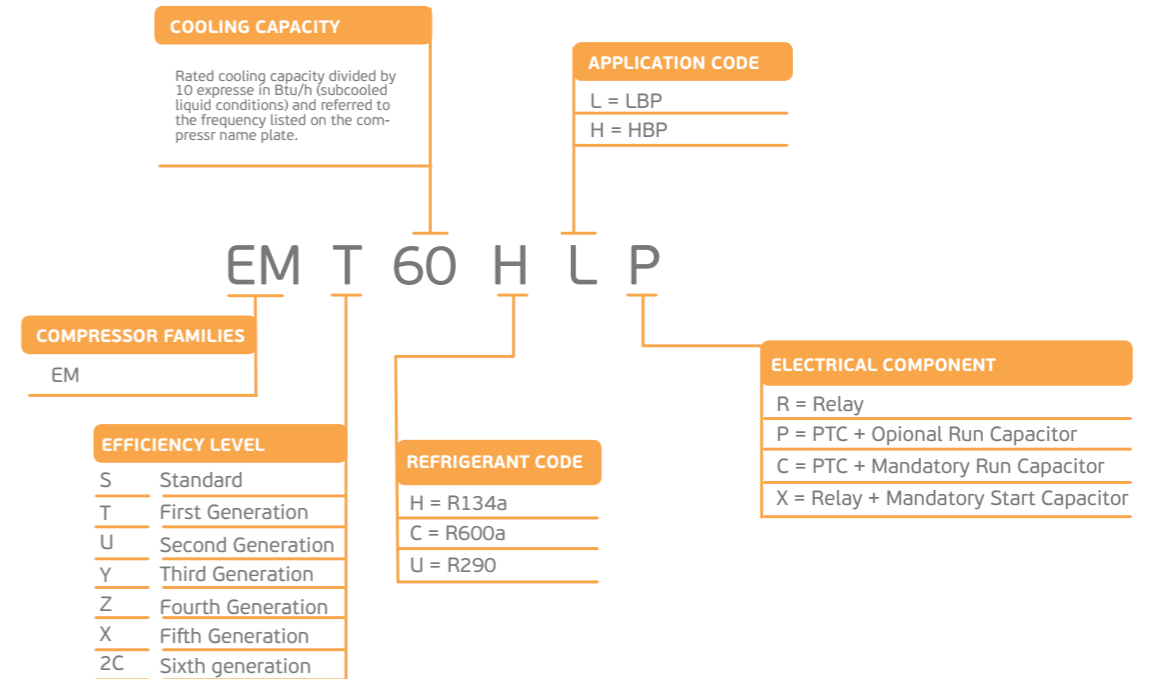
VNEK

Nomenclature

EM/NE/NT/NJ



EM



Product Maps 50Hz
COMPRESSOR PRODUCT MAP 50 Hz/DUAL FREQUENCY/30

50Hz 50-60Hz	R134a										R404A / R507										R600a									
	LBP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)	HBP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)	M/HP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)	LBP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)	M/HP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)	LBP	VOLT. FREQ.	COOL. CAP. (W)	DISPL. (CC)						
	EMT2HP	A	39	3,00	EMT3HP	A/B	324	3,40	EMT6144K	A	380	3,97	EMT1170U	A	123	4,5	EMT6144U	A	343	4,50	EMT20CLC*	A	47	3,97	EMT30CDP	A	232	4,50		
	EMT3HP	A	58	3,97	EMT4HP	A/B	375	3,97	EMT6152K	A	424	4,50	EMT1121U	A	159	5,57	EMT6152U	A	418	5,20	EMT26CLC*	A	62	5,19	EMT45CDP	A	244	4,50		
	EMT4HP	A	71	4,85	EMT5HP	A/B	430	4,50	EMT6165K	A	485	5,19	EMT1125U	A	177	5,96	EMT6165U	A	485	5,96	EMT26CLC*	A	62	5,20	EMT45CDP	A	346	6,76		
	EMT5HP	A	83	5,19	EMT6144Z	A	520	5,19					EMT1130U	A	198	6,76	EMT6161U	A	697	2,77	EMT32CLC*	A	73	5,96	EMT5132Y	A	358	6,76		
	EMT6HP	A	98	6,76	EMT6160Z	A	662	6,76					EMT2117U	A	123	4,5					EMT32CLC*	A	71	5,96	EMT6144Y	A	486	9,04		
					EMT6170Z	A	790	7,69					EMT2121U	A	159	5,57					EMT40CLC*	A	91	7,23	EMT6160Y	A	588	11,14		
					EMT6187Z	A	786	2,31					EMT2125U	A	177	5,96					EMT46CLC*	A	102	7,96						
													EMT2130U	A	196	6,76					EMT46CLC*	A	102	7,96						
													EMT2134U	A	265	1,31					EMT56CLP*	A	112	9,04						
																				EMT56CLP*	A	118	9,04							
																				EMT70CLC*	A	143	11,14							
																				EMT80CLC*	A	165	12,23							
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R134a LBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-35°C/40 °C		-23,3 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT22HLP	3,00	1/12	220-240V 50Hz 1~	RSIR	40	0,94	74	1,19	DWG01	SM00
EMT36HLP	3,97	1/10+	220-240V 50Hz 1~	RSIR	58	1,04	108	1,27	DWG01	SM00
EMT43HLP	4,85	1/8+	220-240V 50Hz 1~	RSIR	71	1,01	133	1,31	DWG01	SM00
EMT49HLP	5,56	1/6	220-240V 50Hz 1~	RSIR-	83	1,11	151	1,32	DWG01	SM00
EMT60HLP	6,76	1/5	220-240V 50Hz 1~	RSIR	98	0,98	175	1,16	DWG01	SM00
NEK1116Z	7,37	1/5	220-240V 50Hz 1~	RSIR-RSCR	96	1,12	194	1,44	DWG02	SM00
NEK2116Z	7,37	1/5	220-240V 50Hz 1~	CSIR	93	0,89	187	1,22	DWG03	SM05
NEK1118Z	8,39	1/4	220-240V 50Hz 1~	RSIR-RSCR	111	1,08	224	1,43	DWG02	SM00
NE1121Z	9,26	1/4	220-240V 50Hz 1~	RSIR	126	0,90	253	1,28	DWG03	SM03
NEK1121Z	9,26	1/4	220-240V 50Hz 1~	RSIR	123	0,99	248	1,27	DWG03	SM03
NE2121Z	9,26	1/4	200-220V 50Hz / 230V 60Hz 1~	CSIR	126	0,90	253	1,28	DWG03	SM05
NE2121Z	9,26	1/4	220-240V 50Hz 1~	CSIR	124	0,86	250	1,23	DWG03	SM05
NE1130Z	12,11	1/3	200-220V 50Hz / 230V 60Hz 1~	RSIR	161	0,86	323	1,24	DWG03	SM03
NE1130Z	12,11	1/3	220-240V 50Hz 1~	RSIR	161	0,85	323	1,32	DWG03	SM03
NE2130Z	12,11	1/3	200-220V 50Hz / 230V 60Hz 1~	CSIR	156	0,85	314	1,22	DWG03	SM05
NE2130Z	12,11	1/3	220-240V 50Hz 1~	CSIR	171	0,85	343	1,32	DWG03	SM05
NE2130Z	12,11	1/3	100V 50-60Hz 1~	CSIR	161	1,16	323	1,20	DWG03	SM05
NE2134Z	14,28	1/3	220-240V 50Hz 1~	CSIR	179	0,90	359	1,23	DWG03	SM05
NEK1140Z	16,80	1/2	220-240V 50Hz 1~	RSIR	217	1,00	437	1,26	DWG03	SM03
NEK2140Z	16,80	1/2	220-240V 50Hz 1~	CSIR	217	0,97	437	1,28	DWG03	SM05
NJ2152Z	27,16	1/2	220-240V 50Hz 1~	CSIR	226	0,74	568	1,18	DWG14	SM14

R134a HBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					5°C/50 °C		7,2 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT37HDP	3,4	1/8	220-240V / 50Hz 1~	RSIR	323	2,50	351	2,55	DWG01	SM00
EMT37HDP	3,4	1/8	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	323	2,50	356	2,56	DWG01	SM00
EMT45HDR	3,97	1/8+	220-240V 50Hz 1~	CSIR	375	2,56	421	2,66	DWG01	SM05
EMT50HDP	4,5	1/6	220-240V 50Hz 1~	RSIR	430	2,58	474	2,57	DWG01	SM00
EMT50HDP	4,5	1/6	200-230V 50Hz / 208-230V 60Hz 1~	RSIR	430	2,58	474	2,58	DWG01	SM00
EMT6144Z	5,2	1/5	220-240V 50Hz 1~	CSIR	520	2,53	577	2,6	DWG01	SM05
EMT6160Z	6,76	1/4	220-240V 50Hz 1~	CSIR	662	2,39	720	2,39	DWG01	SM05
EMT6170Z	7,69	1/4+	220-240V 50Hz 1~	CSIR	730	2,19	806	2,27	DWG01	SM05
EMT6187Z	9,5	1/4	220-240 / 50 Hz 1~	CSIR	786	2,31	924	2,5		
NEK6160Z	7,28	1/4	220-240V 50Hz 1~	CSIR	663	2,41	716	2,41	DWG03	SM05
NEK6160Z	7,28	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	664	2,41	717	2,41	DWG03	SM05
NEK6170Z	8,39	1/4	220-240V 50Hz 1~	CSIR	775	2,45	837	2,41	DWG03	SM05
NEK6170Z	8,39	1/4	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	779	2,46	841	2,44	DWG03	SM05
NEK6170Z	8,39	1/4	100V 50/60Hz 1~	CSIR	762	2,16	823	2,18	DWG03	SM05
NEK6187Z	9,99	1/3	220-240V 50Hz 1~	CSIR	896	2,38	967	2,36	DWG03	SM05
NEK6187Z	9,99	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	894	2,40	965	2,39	DWG03	SM05
NEK6210Z	12,11	1/3	220-240V 50Hz 1~	CSIR	1046	2,29	1129	2,29	DWG03	SM05
NEK6210Z	12,11	1/3	200-230V 50Hz / 208-230V 60Hz 1~	CSIR	1024	2,16	1105	2,13	DWG03	SM05
NEK6212Z	14,28	1/2	220-240V 50Hz 1~	CSIR	1217	2,12	1314	2,09	DWG03	SM05
NEK6212Z	14,28	1/2	200-230V 50Hz / 208-230V 60Hz 1~	CSR	1206	2,14	1302	2,12	DWG03	SM06
NEK6214Z	16,8	1/2	220-240V 50Hz 1~	CSIR	1377	1,96	1486	1,92	DWG03	SM05
NT6215Z	17,39	1/2	220V 50Hz 1~	CSIR	1256	1,92	1620	2,29	DWG15	SM19

R134a HBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					5°C/50 °C		7,2 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
NT6215Z	17,39	1/2	200-240V 50Hz / 230V 60Hz 1~	CSIR	1246	2,14	1607	2,52	DWG15	SM19
NT6217Z	20,44	3/4	220-240V 50Hz 1~	CSIR	1444	1,97	1863	2,31	DWG15	SM19
NT6217Z	20,44	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	1444	2,06	1863	2,41	DWG15	SM19
NT6220Z	22,37	3/4	200-240V 50Hz/230V 60Hz 1~	CSIR	1563	1,99	2016	2,34	DWG15	SM19
NT6220Z	22,37	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	1563	2,17	2016	2,55	DWG15	SM23
NTU6222ZV	23,74	3/4	220-240V 50Hz 1~	CSCR	1879	2,64	2424	3,09	DWG19	SM26
NTU6224ZV	27,8	1	220-240V 50Hz 1~	CSCR	2145	2,56	2767	3	DWG19	SM26
NJ6220Z	26,11	3/4	220-240V 50Hz 1~	CSIR	1975	2,21	2547	2,6	DWG14	SM14
NJ6220ZX	26,11	3/4	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	1975	2,47	2547	2,91	DWG14	SM18
NJ6226Z	34,38	1	220-240V 50Hz 1~	CSCR	2307	2,02	2976	2,41	DWG14	SM17
NJ6226ZX	34,38	1	380-420V 50Hz / 440-480V 60Hz 3 ~	3PHASE	2307	2,12	2976	2,5	DWG14	SM18

R404A / R507 LBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-35°C/40 °C		-23,3 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT2117GK	4,5	1/4	220-240V / 50Hz 1~	CSIR	141	1,09	244	1,35	DWG01	SM05
EMT2121GK	5,2	1/3	220-240V / 50Hz 1~	CSIR	174	1,12	300	1,40	DWG01	SM05
EMT2125GK	5,96	1/3+	220-240V / 50Hz 1~	CSIR	204	1,15	351	1,39	DWG01	SM05
EMT2130GK	6,76	1/2-	220-240V / 50Hz 1~	CSIR	222	1,08	390	1,34	DWG01	SM05
NEK2117GK	4,52	1/4	220-240V 50Hz 1~	CSIR	125	0,94	235	1,29	DWG02	SM05
NEK1121GK	5,45	1/4	220-240V 50Hz 1~	RSIR	139	0,88	265	1,19	DWG03	SM03
NEK2121GK	5,45	1/3	220-240V 50Hz 1~	CSIR	156	0,99	282	1,29	DWG03	SM05
NEK1125GK	6,2	1/3	220-240V 50Hz 1~	RSIR	162	0,91	310	1,22	DWG03	SM03
NEK2125GK	6,2	1/3	220-240V 50Hz 1~	CSIR	178	0,9	341	1,22	DWG03	SM05
NEK2130GK	7,4	1/2	220-240V 50Hz 1~	CSIR	210	0,99	399	1,32	DWG03	SM05
NEK2134GK	8,78	1/2	220-240V 50Hz 1~	CSIR	253	1	464	1,3	DWG03	SM05
NEK2134GK	8,78	1/2	100V 50/60Hz 1~	CSIR	235	0,86	448	1,19	DWG04	SM03
NEK2134GK	8,78	1/2	100V 50/60Hz 1~	CSR	237	0,93	452	1,28	DWG04	SM03
NEK2150GK	12,12	3/4	220-240V 50Hz 1~	CSIR	346	0,98	616	1,24	DWG03	SM05
NEK2150GK	12,12	1/2	100V 50/60Hz 1~	CSR	304	0,8	581	1,14	DWG04	SM03
NEK2168GK	14,3	3/4	220-240V 50Hz 1~	CSIR	360	0,95	688	1,13	DWG03	SM05
NEK2168GK	14,3	3/4	220-240V 50Hz 1~	CSR	380	0,97	707	1,28	DWG03	SM05
NEK2172GK	16,8	3/4	220V 50Hz 1~	CSR	462	1,06	819	1,3	DWG03	SM06
NT2168GK	14,50	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	354	1,03	642	1,28	DWG16	SM19
NT2168GK	14,50	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	354	1,03	642	1,28	DWG16	SM23
NT2178GK	17,40	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	419	0,89	800	1,15	DWG16	SM19
NT2178GK	17,40	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	419	1	800	1,36	DWG16	SM23
NT2178GK	17,40	3/4	220V 50Hz 1~	CSIR	422	0,91	805	1,21	DWG16	SM19
NT2178GK	17,40	3/4	220V 50Hz 1~	CSR	434	1,01	836	1,36	DWG16	SM23
NT2178GK	17,40	3/4	220-240V 50Hz 1~	CSIR	416	0,98	782	1,3	DWG16	SM19
NT2178GK	17,40	3/4	220-240V 50Hz 1~	CSR	420	0,91	802	1,42	DWG16	SM23
NT2178GK	17,40	3/4	100V 50/60Hz 1~	CSR	425	0,98	812	1,3	DWG16	SM23
NT2180GK	20,40	1	220-240V 50Hz 1~	CSIR	490	0,95	935	1,25	DWG16	SM19
NT2180GK	20,40	1	220-240V 50Hz 1~	CSR	530	1,05	935	1,36	DWG16	SM23
NT2180GK	20,40	1	220V 50Hz 1~	CSR	536	1,07	982	1,34	DWG16	SM23
NT2192GK	22,40	1	220-240V 50Hz 1~	CSIR	551	1,03	1053	1,3	DWG16	SM19
NT2192GK	22,40	1 1/4	220-240V 50Hz 1~	CSR	568	1,06	1089	1,47	DWG16	SM23
NT2210GK	26,2	1 1/4	220-240V 50Hz 1~	CSR	685	1,06	1306	1,4	DWG17	SM26
NT2212GK	27,8	1 1/4	220-240V 50Hz 1~	CSR	719	1,07	1373	1,37	DWG17	SM26
NT2168GS	14,5	3/4	200V 50-60Hz 3~	3PHASE	341	1,03	652	1,32	DWG17	SM27

R404A / R507 LBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-35°C/40 °C		-23,3 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
NT21926S	22,4	1	200V 50-60Hz 3~	3PHASE	549	1,07	1049	1,35	DWG17	SM27
NT22126S	27,8	1 1/4	200V 50-60Hz 3~	3PHASE	690	1,04	1317	1,33	DWG17	SM27
NJ21926K	26,11	1 1/4	220-240V 50Hz 1~	CSR	585	0,97	1126	1,32	DWG14	SM16
NJ21926S	26,11	1 1/4	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	591	0,85	1128	1,23	DWG14	SM18
NJ22126K	34,37	1 1/2	220-240V 50Hz 1~	CSR	809	1,06	1546	1,33	DWG14	SM16
NJ22126S	34,37	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	775	0,87	1481	1,30	DWG14	SM18

R404A / R507 MBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-10°C/45 °C		7,2 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT6144GK	3,97	1/4-	220-240V / 50Hz 1~	CSIR	378	1,90	680	2,39	DWG01	SM05
EMT6152GK	4,5	1/4	220-240V / 50Hz 1~	CSIR	424	1,85	737	2,26	DWG01	SM05
EMT6165GK	5,2	1/3	220-240V / 50Hz 1~	CSIR	484	1,76	881	2,27	DWG01	SM05
NEK6144GK	4,51	1/4	220-240V 50Hz 1~	CSIR	395	1,74	714	2,28	DWG03	SM05
NEK6165GK	6,2	1/3	220-240V 50Hz 1~	CSIR	542	1,64	966	2,05	DWG03	SM05
NEK6181GK	7,28	1/3	220-240V 50Hz 1~	CSIR	599	1,66	1089	2,12	DWG03	SM05
NEK6210GK	8,77	1/2	220-240V 50Hz 1~	CSIR	724	1,68	1304	2,07	DWG03	SM05
NEK6210GK	8,77	1/2	100V 50/60 HZ 1~	CSIR	733	1,46	1340	1,98	DWG03	SM05
NEK6213GK	12,11	1/2	220-240V 50Hz 1~	CSIR	972	1,46	1761	1,85	DWG03	SM05
NEK6217GK	14,28	3/4	220-240V 50Hz 1~	CSR	1166	1,69	2075	2,05	DWG03	SM06
NT6217GK	12,55	1/2	200-240V 50Hz / 230V 60Hz 1~	CSIR	960	1,76	1819	2,26	DWG16	SM19
NT6217GK	12,55	1/2	200-240V 50Hz / 230V 60Hz 1~	CSR	891	1,73	1820	2,26	DWG16	SM23
NT6217GK	12,55	1/2	220-240V 50Hz 1~	CSIR	920	1,56	1779	2,14	DWG16	SM19
NT6217GK	12,55	3/4	220-240V 50Hz 1~	CSR	952	1,80	1848	2,51	DWG16	SM23
NT6220GK	14,5	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	1080	1,67	2119	2,21	DWG16	SM19
NT6220GK	14,5	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	1096	1,75	2206	2,37	DWG16	SM23
NT6222GK	17,39	3/4	200-240V 50Hz / 230V 60Hz 1~	CSIR	1322	1,71	2489	2,09	DWG16	SM19
NT6222GK	17,39	3/4	200-240V 50Hz / 230V 60Hz 1~	CSR	1307	1,70	2488	2,26	DWG16	SM23
NT6222GK	17,39	3/4	220-240V 50Hz 1~	CSIR	1287	1,50	2482	2,02	DWG16	SM19
NT6222GK	17,39	3/4	220-240V 50Hz 1~	CSR	1332	1,63	2482	2,23	DWG16	SM23
NT6224GK	20,44	1	220-240V 50Hz 1~	CSIR	1573	1,59	3023	2,23	DWG17	SM22
NT6224GK	20,44	1	220-240V 50Hz 1~	CSR	1573	1,69	3023	2,38	DWG17	SM21
NT6226GK	22,37	1	220-240V 50Hz 1~	CSIR	1717	1,65	3221	2,09	DWG17	SM22
NT6226GK	22,37	1	220-240V 50Hz 1~	CSR	1752	1,79	3355	2,44	DWG17	SM21
NTU6232GKV	20,44	1	220-240V 50Hz 1~	CSR	1757	1,99	3297	2,86	DWG19	SM26
NTU6234GKV	23,74	1 1/4	220-240V 50Hz 1~	CSR	2091	2,02	3851	2,82	DWG19	SM26
NTU6238GKV	26,21	1 1/2	220-240V 50Hz 1~	CSR	2288	2,02	4212	2,74	DWG19	SM26
NTU6240GKV	27,8	1 1/2	220-240V 50Hz 1~	CSR	2426	2,01	4443	2,68	DWG19	SM26
NJ9226GK	21,71	1	230V 50Hz 1~	CSR	1648	1,70	3241	2,34	DWG14	SM17
NJ9232GK	26,11	1 1/2	220-240V 50Hz 1~	CSR	1911	1,63	4030	2,56	DWG14	SM17
NJ9238GK	32,67	1 1/2	230V 50Hz 1~	CSR	2424	1,59	4620	2,09	DWG14	SM17
NJ9226GS	21,71	1	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1667	1,79	3248	2,5	DWG14	SM18
NJ9232GS	26,11	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	1972	1,80	4030	2,5	DWG14	SM18
NJ9238GS	32,67	1 1/2	380-420V 50Hz / 440-480V 60Hz 3~	3PHASE	2506	1,90	4839	2,55	DWG14	SM18

R290 LBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-35°C/40 °C		-23,3 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT1117U	4,5	1/5	220-240V / 50Hz 1~	RSCR	123	1,18	208	1,47	DWG01	SM00
EMT1121U	5,56	1/3-	220-240V / 50Hz 1~	RSCR	159	1,25	269	1,54	DWG01	SM00
EMT1125U	5,96	1/3	220-240V / 50Hz 1~	RSCR	177	1,24	301	1,53	DWG01	SM00
EMT1130U	6,76	1/3+	220-240V / 50Hz 1~	RSCR	198	1,20	340	1,51	DWG01	SM00
EMT2117U	4,5	1/5	220-240V / 50Hz 1~	CSIR	123	1,13	209	1,38	DWG01	SM05
EMT2121U	5,56	1/3-	220-240V / 50Hz 1~	CSIR	159	1,20	265	1,46	DWG01	SM05
EMT2125U	5,96	1/3	220-240V / 50Hz 1~	CSIR	177	1,19	301	1,48	DWG01	SM05
EMT2130U	6,76	1/3+	220-240V / 50Hz 1~	CSIR	196	1,12	340	1,42	DWG01	SM05
EMTE2134U	9,5	1/4	220-240V / 50Hz 1~	CSIR	265	1,31	433	1,46		
NEK1121U	6,2	1/4	220-240V 50Hz 1~	CSIR	141	0,85	247	1,19	DWG03	SM05
NEK1121U	6,2	1/4	220-240V 50Hz 1~	RSIR	161	1,05	275	1,32	DWG03	SM03
NEK2125U	7,28	1/3	220-240V 50Hz 1~	CSIR	199	1,11	317	1,31	DWG03	SM05
NEK2134U	10,00	1/2	220-240V 50Hz 1~	CSIR	271	1,21	449	1,36	DWG03	SM05
NEK2150U	13,54	1/2	220-240V 50Hz 1~	CSIR	334	1,06	582	1,31	DWG03	SM05
NEK1150U	13,54	1/2	220-240V 50Hz 1~	RSIR	333	0,99	571	1,22	DWG03	SM03
NEK2160U	16,8	3/4	220-240V 50Hz 1~	CSR	427	1,20	729	1,44	DWG04	SM03
NT2160U	17,4	3/4	220-240V 50Hz 1~	CSIR	400	1,10	703	1,36	DWG16	SM19
NT2160U	17,4	3/4	220-240V 50Hz 1~	CSR	407	1,18	703	1,44	DWG16	SM23
NT2170U	20,4	3/4	220-240V 50Hz 1~	CSIR	488	1,13	816	1,31	DWG16	SM19
NT2170U	20,4	3/4	220-240V 50Hz 1~	CSR	486	1,19	831	1,44	DWG16	SM23
NT2180U	22,4	1	220-240V 50Hz 1~	CSIR	550	1,12	931	1,34	DWG16	SM19
NT2180U	22,4	1	220-240V 50Hz 1~	CSR	563	1,23	935	1,46	DWG16	SM23
NT2210U	27,8	1 1/4	220-240V 50Hz 1~	CSR	689	1,17	1186	1,41	DWG17	SM26

R290 MBP 50Hz

MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					-10°C/45 °C		7,2 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMT6144U	4,5	1/4-	220-240V 50Hz 1~	CSIR	343	2,00	616	2,62	DWG01	SM05
EMT6152U	5,2	1/4	220-240V 50Hz 1~	CSIR	418	2,04	728	2,61	DWG01	SM05
EMT6165U	5,96	1/3-	220-240V 50Hz 1~	CSIR	485	1,96	840	2,57	DWG01	SM05
EMTE6181U	7,55	1/4	220-240V / 50Hz 1~	CSIR	697	2,77	1004	2,72		
NEK6152U	5,45	1/4	220-240V 50Hz 1~	CSIR	402	1,84	730	2,55	DWG03	SM05
NEK6165U	6,2	1/4	220-240V 50Hz 1~	CSIR	464	1,75	839	2,44	DWG03	SM05
NEK6181U	7,28	1/3	220-240V 50Hz 1~	CSIR	523	1,78	949	2,46	DWG03	SM05
NEK6210U	8,78	1/3	220-240V 50Hz 1~	CSIR	640	1,88	1169	2,55	DWG03	SM05
NEK6213U	12,12	1/2	220-240V 50Hz 1~	CSIR	883	1,68	1586	2,29	DWG03	SM05
NEK6214U	12,12	1/2	220-240V 50Hz 1~	CSIR	879	1,91	1512	2,28	DWG03	SM05
NEK6124U	12,12	1/2	220-240V 50Hz 1~	CSR	894	2,05	1571	2,61	DWG03	SM06
NEK6217U	14,3	1/2	220-240V 50Hz 1~	CSIR	1018	1,73	1820	2,21	DWG03	SM05
NEK6217U	14,3	3/4	220-240V 50Hz 1~	CSR	1051	1,94	1885	2,54	DWG03	SM06
NT6217U	14,5	1/2	220-240V 50Hz 1~	CSIR	952	1,87	1786	2,58	DWG16	SM19
NT6220U	17,4	3/4	220-240V 50Hz 1~	CSIR	1193	1,76	2202	2,45	DWG16	SM19
NT6220U	17,4	3/4	220-240V 50Hz 1~	CSR	1167	1,88	2250	2,79	DWG16	SM23
NT6222U	20,4	3/4	220-240V 50Hz 1~	CSIR	1372	1,74	2537	2,37	DWG16	SM19
NT6222U	20,4	1	220-240V 50Hz 1~	CSR	1412	1,92	2635	2,77	DWG16	SM23
NT6224U	22,4	1	220-240V 50Hz 1~	CSR	1558	2,11	2843	2,73	DWG16	SM23

R600a LBP 50Hz

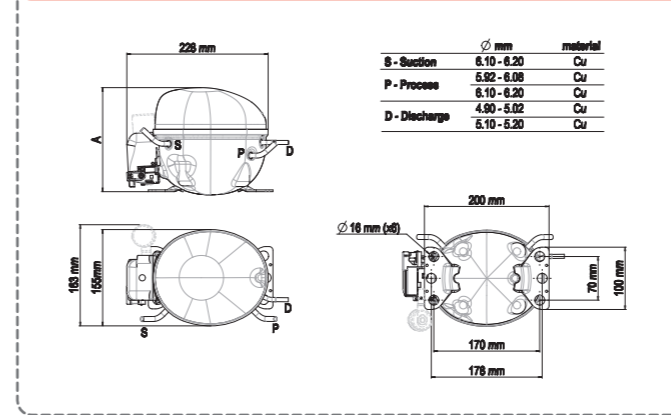
MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - CECOMAF		RATED POINT - ASHRAE		DRAWINGS	
					-25°C/55 °C		-23,3 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMY20CLC	3,97	1/12	220-240V / 50Hz 1~	RSIR	45	1,1	61	1,4	DWG01	SM00
EMY26CLC	5,2	1/12	220-240V / 50Hz 1~	RSIR	61	1,18	83	1,5	DWG01	SM00
EMT26CLP	5,2	1/12	220-240V / 50Hz 1~	RSIR	62	0,98	83	1,25	DWG01	SM00
EMY32CLC	5,96	1/10	220-240V / 50Hz 1~	RSIR	72	1,19	97	1,51	DWG01	SM00
EMT32CLP	5,96	1/10	220-240V / 50Hz 1~	RSIR	71	1	97	1,27	DWG01	SM00
EMY40CLC	7,23	1/8	220-240V / 50Hz 1~	RSIR	90	1,21	119	1,53	DWG01	SM00
EMT40CLP	7,23	1/8	220-240V / 50Hz 1~	RSIR	91	1,01	119	1,28	DWG01	SM00
EMY46CLC	7,96	1/8+	220-240V / 50Hz 1~	RSIR	101	1,23	135	1,56	DWG01	SM00
EMT46CLP	7,96	1/8+	220-240V / 50Hz 1~	RSIR	102	1,02	135	1,29	DWG01	SM00
EMY55CLP	9,04	1/6	220-240V / 50Hz 1~	RSIR	114	1,23	156	1,56	DWG01	SM00
EMX55CLC	9,04	-	220-240V 50Hz 1~	RSCR	115	1,31	155	1,72	DWG01	SM01
EMT56CLP	9,04	1/6	220-240V / 50Hz 1~	RSIR	118	1,05	156	1,32	DWG01	SM00
EMX70CLC	11,14	1/5	220-240V / 50Hz 1~	RSCR	143	1,34	191	1,71	DWG01	SM01
EMX80CLC	12,21	1/5+	220-240V / 50Hz 1~	RSCR	162	1,36	212	1,74	DWG01	SM01

R600a HBP 50Hz

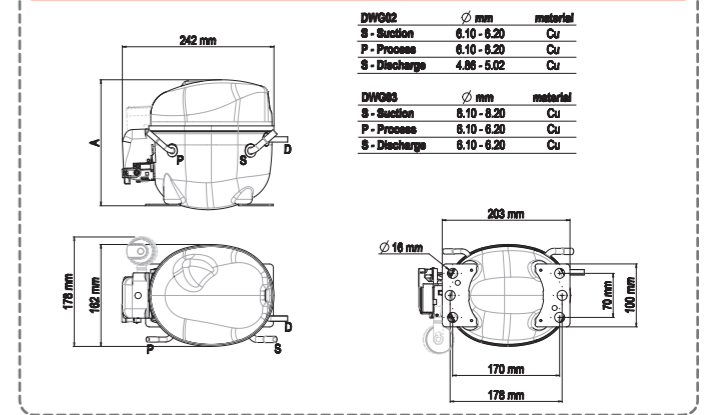
MODEL	DISPLACEMENT cm ³	HP	VOLTAGE FREQUENCY	MOTOR TYPE	RATED POINT - EN12900		RATED POINT - ASHRAE		DRAWINGS	
					5°C/50 °C		7,2 °C / 54,4 °C		EXTERNAL VIEW REF.	WIRING DIAGRAM REF.
					COOLING W	EFFICIENCY W/W	COOLING W	EFFICIENCY W/W		
EMU5125Y	4,50	1/10	220-240V / 50Hz 1~	RSIR	244	2,52	267	2,73	DWG01	SM00
EMU5125Y	4,50	1/10	220-240V / 50Hz 1~	RSCR	244	2,82	267	2,88	DWG01	SM00
EMU5132Y	6,78	1/8+	220-240V / 50Hz 1~	RSIR	358	2,54	402	2,61	DWG01	SM00
EMU5132Y	6,78	1/8+	220-240V / 50Hz 1~	RSCR	363	2,74	406	2,82	DWG01	SM00
EMT30CDP	4,50	1/8	220-240V 50Hz 1~	RSIR	232	2,45	256	2,52	DWG01	SM00
EMT45CDP	6,78	1/8+	220-240V 50Hz 1~	RSIR	346	2,44	390	2,56	DWG01	SM00
EMT6144Y	9,04	1/5	220-240V 50Hz 1~	CSIR	486	2,41	543	2,48	DWG01	SM05
EMT6160Y	11,14	1/4	220-240V 50Hz 1~	CSIR	588	2,2	653	2,27	DWG01	SM05
NEK6144Y	9,99	1/5	220-240V 50Hz 1~	CSIR	489	2,28	550	2,4	DWG03	SM05
NEK6160Y	12,11	1/4	220-240V 50Hz 1~	CSIR	606	2,43	677	2,53	DWG03	SM05
NEK6170Y	14,28	1/4	220-240V 50Hz 1~	CSIR	720	2,38	809	2,47	DWG03	SM05
NEK6187Y	16,8	1/3	220-240V 50Hz 1~	CSIR	805	2,29	907	2,39	DWG03	SM05

External Views & Wiring Diagrams EXTERNAL VIEWS

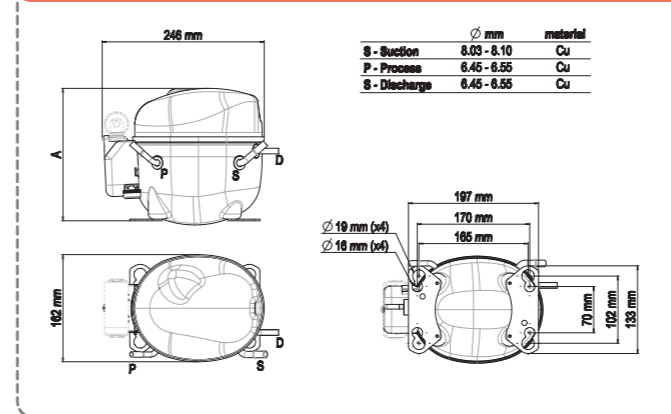
DWG01 - EMT SERIES European Base Plate



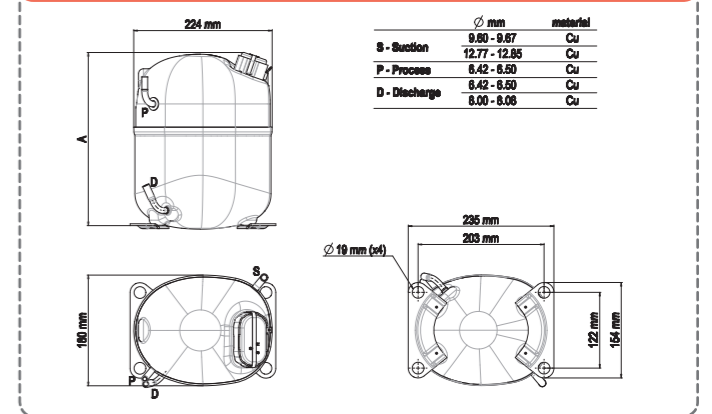
DWG02 / DWG03 - NE SERIES European Base Plate



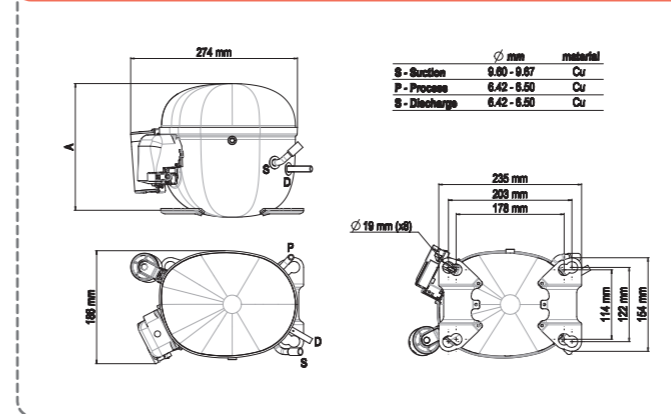
DWG04 - NE SERIES Universal Base Plate



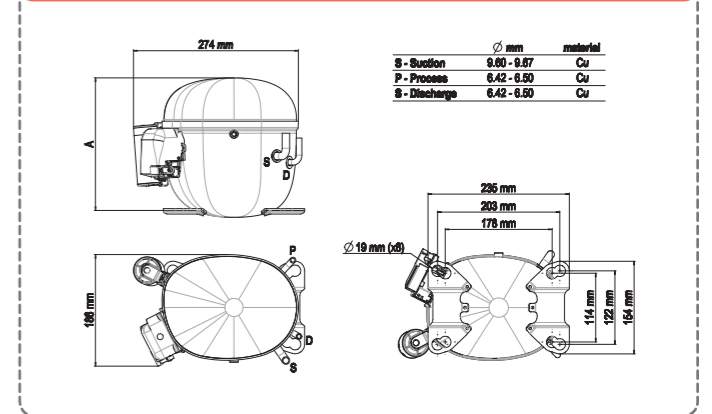
DWG14 - NJ SERIES



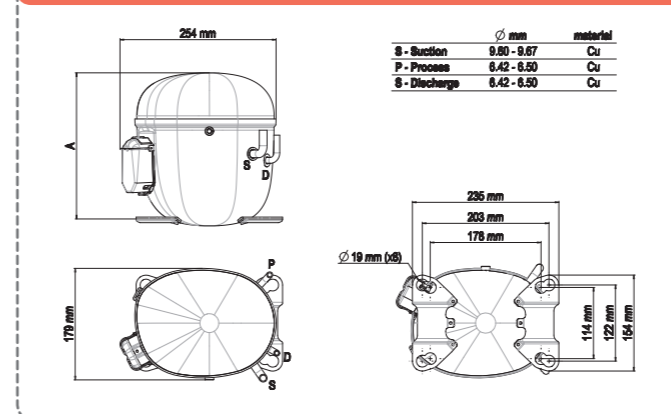
DWG 15 - NT SERIES



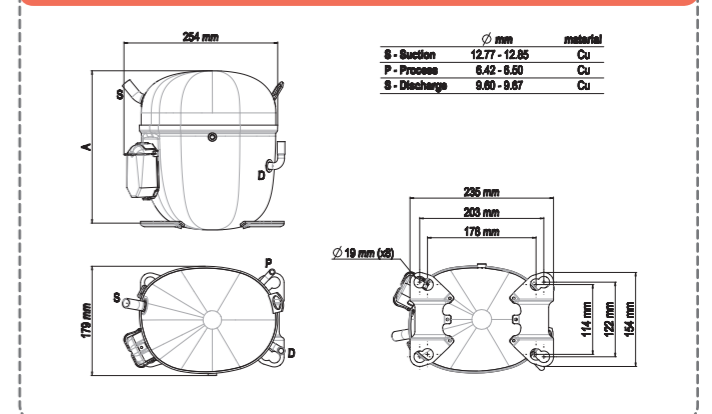
DWG16 - NT SERIES



DWG17 - NT SERIES



DWG 19 - NTU SERIES

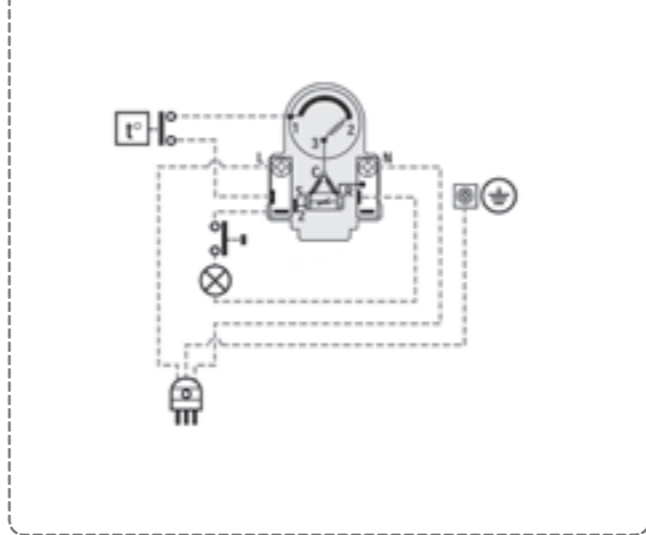


External Views & Wiring Diagrams
WIRING DIAGRAMS KEY

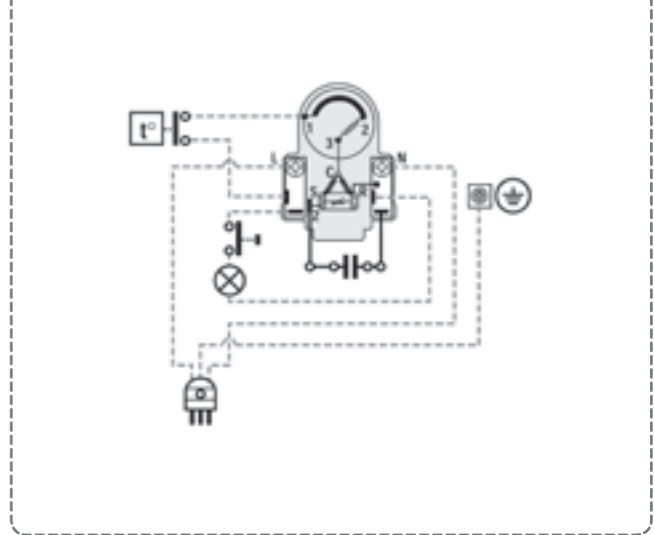
	OVERLOAD PROTECTOR		PTC START DEVICE
	OVERLOAD PROTECTOR		INTEGRATED PTC DEVICE
	CURRENT START RELAY		CURRENT START RELAY WITH CAPACITOR CONNECTIONS
	3CR CURRENT START RELAY		3ARR3 START RELAY (voltage).
	RUN CAPACITOR		RUN CAPACITOR (MANDATORY - NOT SUPPLIED)
	OPTIONAL RUN CAPACITOR		START CAPACITOR
	FAN		PUSHBUTTON
	LAMP		3-PHASE MOTOR
	3-PHASE MOTOR		SINGLE PHASE MOTOR
	LOW-HIGH PRESSURE SWITCH		THERMOSTAT
	EARTH CONNECTION		3-PHASE SUPPLY
	3-PHASE SUPPLY		SINGLE PHASE SUPPLY
	PILOT CIRCUIT 24 OR 220 V		COMMON (INTERNAL OVERLOAD PROTECTOR)
	COMMON		START
	RUN		
	TERMINAL BLOCK		
	Wh WHITE CABLE		Br BROWN CABLE
	Bl BLUE CABLE		Bk BLACK CABLE
	YG YELLOW-GREEN CABLE		Re RED CABLE
	CONNECTIONS SUPPLIED		CONNECTIONS TO BE MADE BY THE CUSTOMER (NOT SUPPLIES)

WIRING DIAGRAMS

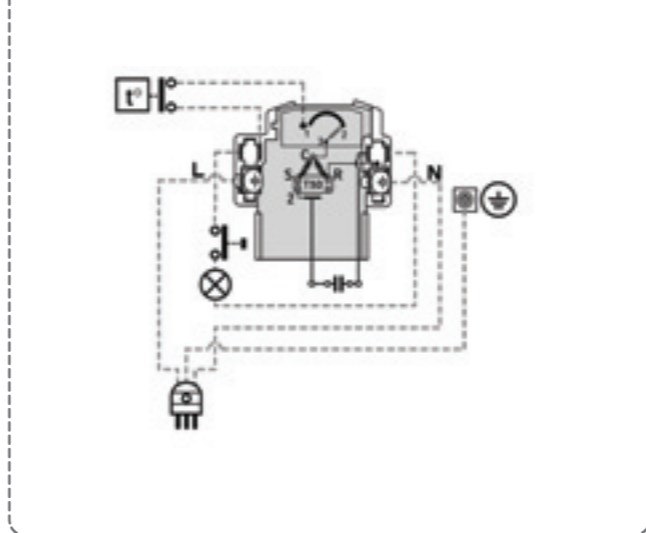
SM00 - EMT/NE SERIES RSIR PTC European Version



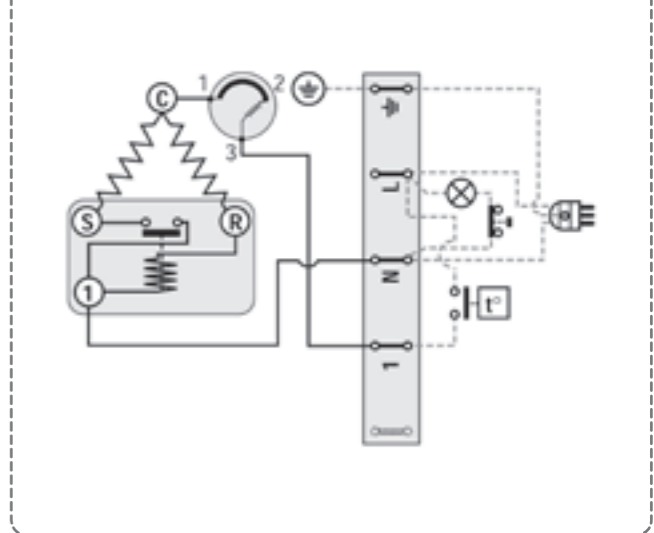
SM01 - EMT/NE SERIES RSCR PTC European Version



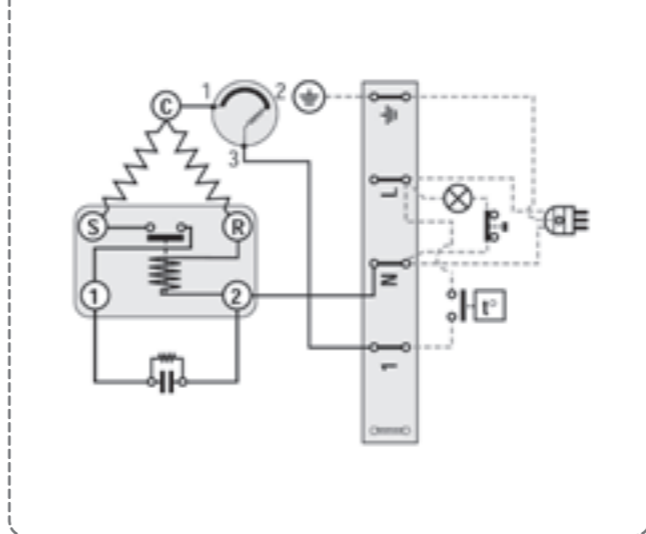
SM02 - EMT/NE SERIES RSCR TSD European Version



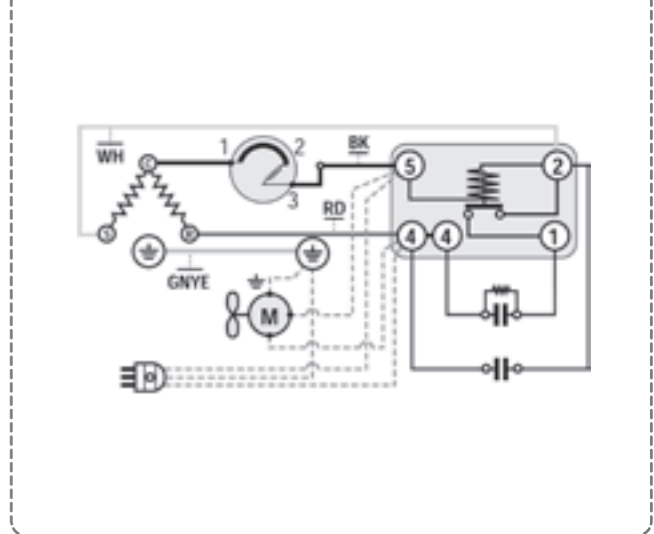
SM03 - EMT/NE SERIES RSIR Terminal Board & Start Device



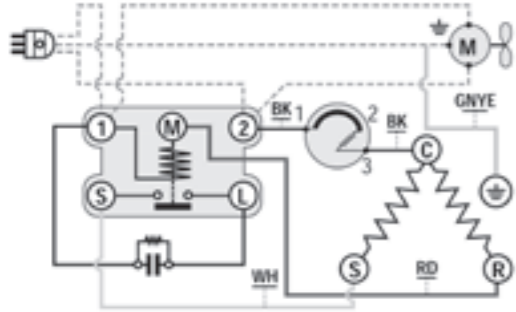
SM05 - EMT/NE SERIES CSIR Terminal Board & Start Device



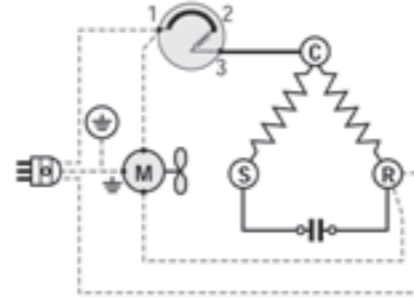
SM06 - NE SERIES CSR Box



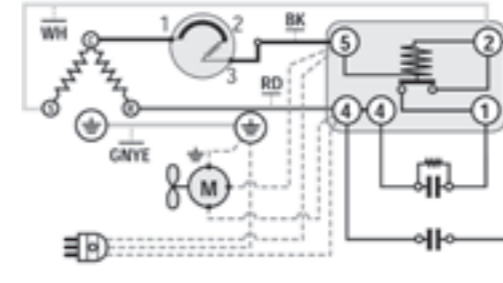
SM014 - NJ SERIES CSIR Box



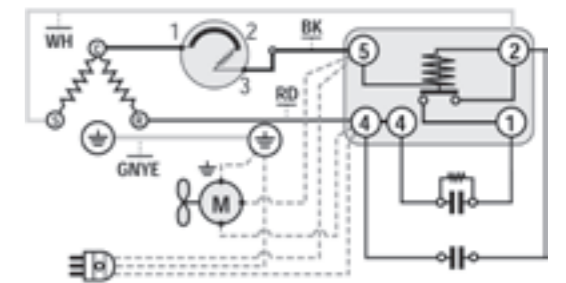
SM15 - NJ SERIES PSC



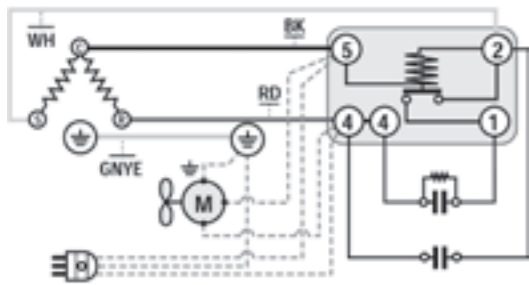
SM21 - NT SERIES CSR Box



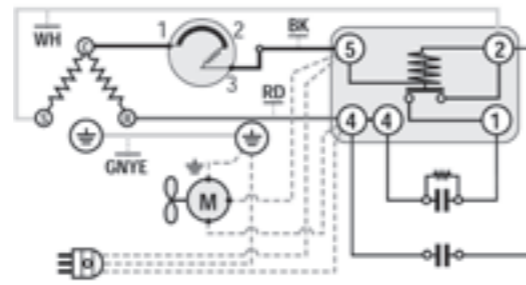
SM023 - NT SERIES CSR Box



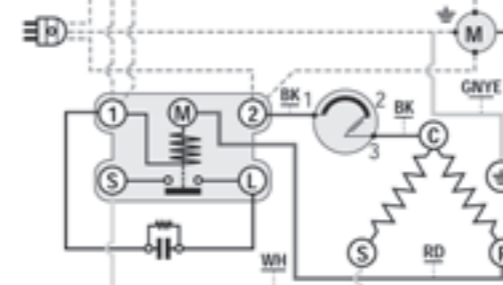
SM16 - NJ SERIES CSR Box
(Internal Overload Protector)



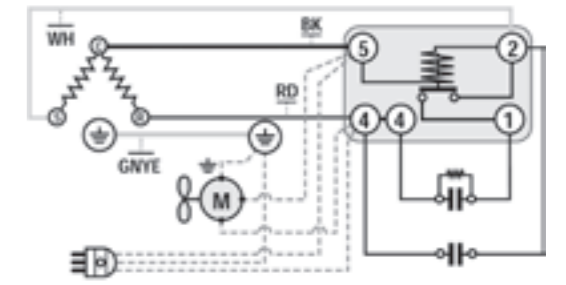
SM017 - NJ SERIES CSR Box
(External Overload Protector)



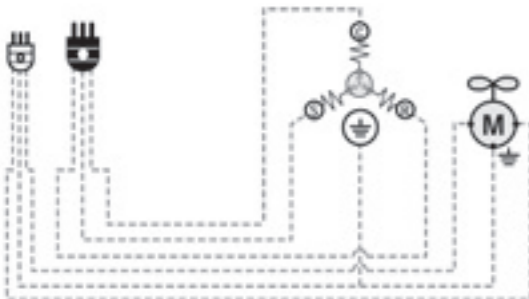
SM22 - NT SERIES CSIR Box



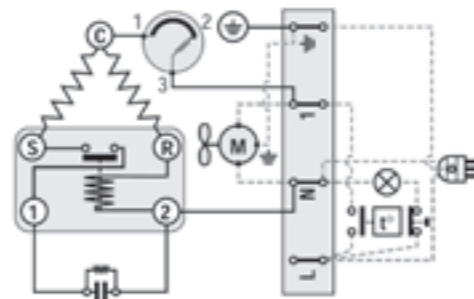
SM26 - NT SERIES CSR Box
(Internal Overload Protector)



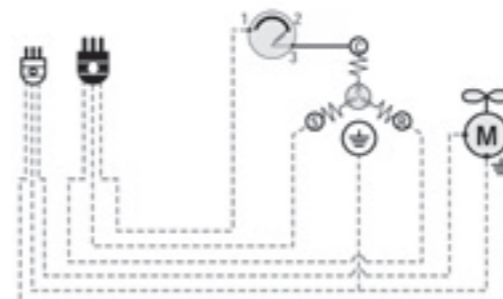
SM18 - NJ SERIES 3-Phase
(Internal Overload Protector)



SM19 - NT SERIES CSIR Terminal Board



SM27 - NT SERIES 3-Phase
(Internal + External Overload Protector)





GLOBAL PRESENCE

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