

**Compressor, HPL21YE-5,  
HsL21YE-5, 1/5 hp, DAEW00,  
176 w, 1bp, r134a**

written by Lilianne | 11 November 2023

**HSL21YE-5**

AC 220-240V 50Hz (121)

LRA 6.1 R134a

THERMALLY PROTECTED

TROPICALIZED

RoHS

DAEWOO ELECTRONICS Corp.

MADE IN KOREA DAEWOO DE

**K60902315**

Compressor, HPL21YE-5, 1/5 hp, DAEW00, 176 w, lbp

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**Mbsm.pro, Compresseur, Secop,  
GTK70AT, 204W, R134, LBP, 1/4  
HP, RSIR, 699 BTU**

written by Lilianne | 11 November 2023



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Mbsm.pro, Compresseur, Secop, GTK70AT, 204W, R134, LBP, 1/4 HP, RSIR, 699 BTU

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**Mbsm.pro, COMPRESSEUR,  
CUBIGEL, L45TN, R22, HMBP,  
1/5HP, 220/240V 50HZ, ORIGINE  
4.56CM3**

written by Lilianne | 11 November 2023



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Mbsm.pro, COMPRESSEUR, CUBIGEL, L45TN, R22, HMBP, 1/5HP,  
220/240V 50HZ, ORIGINE 4.56CM3



**Mbsm.pro, TECUMSEH,  
Compressor, Condensing,  
Units, AHC4540EFZ, FH4540F,  
FH4524F, FH4528F, FH4531F,  
FH4540F, R22, 3-1/2 HP, hbp,  
CSR, 220V ~ 50HZ**

written by Lilianne | 11 November 2023



Mbsm.pro, TECUMSEH, Compressor, Condensing, Units, AHC4540EFZ,  
FH4540F, FH4524F, FH4528F, FH4531F, FH4540F, R22, 3-1/2 HP

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**Mbsm.pro, Panasonic, rotary,  
compressor, rotary  
compressor, R22, 220-240V  
50HZ, 2jd550D3AA03, 2JD550D,  
35.000 BTU, Rla 5.65 A, Lra  
21.0 A, 4.375 Hp, 2.91 Ton**

written by Lilianne | 11 November 2023

Mbsm.pro, Panasonic, rotary, compressor, rotary compressor,  
R22, 220-240V 50HZ, 2jd550D3AA03, 2JD550D, 35.000 BTU, Rla  
14.7, Lra 68.0, 4.375 Hp, 2.91 Ton

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**Mbsm.pro, Danfoss,  
Compressor, MT100HS4D, 8.3HP,  
R22, 380V, 3PH**

written by Lilianne | 11 November 2023



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Mbsm.pro, Danfoss, Compressor, MT100HS4D, 8.3HP, R22, 380V, 3PH

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**Mbsm.pro, Compressor,  
Embraco, Aspera, EMY26CLC,  
LBP, R600a, 220 –  
240V/1/50Hz, 1/12 HP, RSIR,  
LRA 7.8 A, 83 Wat**

written by Lilianne | 11 November 2023





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Compressor, Embraco, Aspera, EMY26CLC, LBP, R600a, 220 – 240V/1/50Hz, 1/12 HP, RSIR, LRA 7.8 A, 83 Wat

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**Mbsm.pro, Compressor,  
Hermetic, Tecumseh, AEZ9440T,  
R22, 1/3 hp++, MHBP**

written by Lilianne | 11 November 2023



Current FLA are given at nominal voltage, rated conditions and 7.2°C Evaporating Temperature.									
Motor Types:									
PSC = Permanent Split Capacitor, 1 Phase, 50 Hz. 220-240 Volt									
3Ø: 3 Phase, 50 Hz, 400 Volt									
Expansion Device:									
C = Capillary Tube									
C/V = Capillary Tube or Expansion Valve									
R22 Hermetic									
Model No.	Nominal HP	Displ. cm <sup>3</sup> /rev	Motor Type	Nominal Current FLA	Exp. Device	Oil Charge cm <sup>3</sup>	Connections: inches		
cm <sup>3</sup>	Discharge	Proc.							
AE 5465E	1/2	12.05	PSC	3.2	C	450	3/8 Tube	1/4 Tube	3/8 Tube
AJ 5510F	3/4	18.6	PSC	5.2	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5512E	1	21.75	PSC	5.9	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5513E	1	24.2	PSC	6	C	887	3/8 Tube	1/4 Tube	1/4 Tube
AJ 5515E	1 1/4	25.95	PSC	7.2	C	887	1/2 Tube	5/16 Tube	1/4 Tube
AJ 5518E	1 1/2	32.7	PSC	9.3	C	887	1/2 Tube	5/16 Tube	1/4 Tube
AJ 5519E	1 1/2	34.45	PSC	9.96	C	887	1/2 Tube	5/16 Tube	1/4 Tube
FH 5522E	1 3/4	39.95	PSC	9	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5522E	1 3/4	39.95	3Ø	3.8	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5524E	2	43.5	PSC	10	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5524E	2	43.5	3Ø	4	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5527E	2 1/4	49.1	PSC	12	C	1330	5/8 Tube	3/8 Tube	5/16 Tube
TFH 5527E	2 1/4	49.1	3Ø	4.2	C/V	1330	5/8 Tube	3/8 Tube	5/16 Tube
FH 5531E	2 1/2	56.65	PSC	14.1	C	1330	3/4 Tube	3/8 Tube	5/16 Tube



Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.								
Current FLA are given at nominal voltage, rated conditions and 7.2°C evaporating temperature.								
Motor Types:								
CSIR: Capacitor start, Induction run } 1 Phase, 50 Hz, 220-240 Volt								
CSR: Capacitor start and run								
3Ø: 3 Phase, 50 Hz, 400 Volt								
Conversion: Watts x 3.412 = BTU/Hr BTU/Hr x 0.293 = Watts								
R22 Hermetic								
Model No.	Nominal HP	Displ. cm <sup>3</sup> /rev	Motor Type	Nominal Current FLA	Oil Charge cm <sup>3</sup>	Connections: inches		
Suction	Discharge							
AEZ 4425E	1/5	4.5	CSIR	1.75	450	1/4 Tube	3/16 Tube	
AEZ 4430E	1/4	5.7	CSIR	2.2	450	1/4 Tube	3/16 Tube	
AEZ 4440E	1/3	7.55	CSIR	2.6	450	1/4 Tube	3/16 Tube	
AEZ 9440T	1/3	7.55	CSR	2.03	450	3/8 Tube	1/4 Tube	
CAE 4450E	3/8	9.4	CSIR	3.3	450	3/8 Tube	1/4 Tube	
CAE 9450T	3/8	9.5	CSR	2.6	450	3/8 Tube	1/4 Tube	
CAE 9460T	1/2	11.3	CSR	3.2	450	3/8 Tube	1/4 Tube	
CAJ 9408T	5/8	15.2	CSR	3.68	887	1/2 Valve	5/16 Tube	
CAJ 9510T	1	18.3	CSR	4.8	887	5/8 Valve	5/16 Tube	
CAJ 9513T	1 1/8	24.2	CSR	5.9	887	5/8 Valve	5/16 Tube	
CAJ 4517E	1 1/4	25.95	CSR	6.1	887	5/8 Valve	3/8 Tube	
TAJ 4517T	1 1/2	25.95	3Ø	2.5	887	5/8 Valve	3/8 Tube	
TAJ 4519T	1 1/2	34.45	3Ø	3.5	887	5/8 Valve	1/2 Valve	
FH 4524F	2	43.5	CSR	9.55	1480	5/8 Valve	1/2 Valve	
TFH 4524F	2	4.35	3Ø	3.9	1480	7/8 Valve	1/2 Valve	
FH 4531F	2 1/2	56.65	CSR	12.6	1480	7/8 Valve	1/2 Valve	
TFH4531F	2 1/2	56.65	3Ø	4.75	1480	7/8 Valve	1/2 Valve	

TFH 4540F	3	74.25	3Ø	6.08	1480	7/8 Valve	1/2 Valve		
TAG 4546T	4	90.2	3Ø	6.6	1960	7/8 Valve	5/8 Valve		
TAG 4553T	4 1/2	100.7	3Ø	7.4	1960	7/8 Valve	5/8 Valve		
TAG 4561T	5	112.5	3Ø	9	1960	1 7/8 Valve	5/8 Valve		
TAG 4568T	6	124.4	3Ø	9.6	1960	1 7/8 Valve	5/8 Valve		
TAG 4573T	6 1/2	134.8	3Ø	11	1960	1 7/8 Valve	5/8 Valve		
Tecumseh Hermetique R134a									
The world renowned L'Unite Hermetique compressors are manufactured by Tecumseh.									
Features:									
Charged with polyolester oil and dry nitrogen									
Crankcase heater on FH/TFH and TAG models									
Oil sight glass on FH/TFH and TAG models									
Rotalock valves are included for all valve connection compressors									
Anti-vibration mounts supplied									
Single Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
CAJ4476Y	5/8	21.75	Fan	887					
CAJ4492Y	3/9	25.95	Fan	887					
CAJ4511Y	1	32.7	Fan	887					
FH4518Y	1 1/2	53.2	Fan	1480					
FH4525Y	2	74.25	Fan	1480					
Three Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
TAJ4511Y	1	32.7	Fan	887					
TFH4518Y	1 1/2	53.2	Fan	1480					





Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.									
Current FLA are given at nominal voltage, rated conditions and 7.2°C Evaporating Temperature.									
Motor Types:									
CSIR: Capacitor Start, Induction Run 1 Phase, 50 Hz, 220-240 Volt									
CSR: Capacitor Start and Run									
3Ø: 3 Phase, 50 Hz, 400 Volt									
All models are also suitable for operation with R507									
Single Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
CAJ9480Z	5/8	15.2	Fan	887					
CAJ9510Z	1	18.3	Fan	887					
CAJ9513Z	1 1/8	24.2	Fan	887					
CAJ4517Z	1 1/4	25.95	Fan	887					
CAJ4519Z	1 1/2	34.45	Fan	887					
FH4522Z	1 3/4	39.95	Fan	1480					
FH4524Z	2	43.5	Fan	1480					
FH4531Z	2 1/2	56.65	Fan	1480					
FH4540Z	3	74.25	Fan	1480					
Three Phase – Medium High SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
TAJ9480Z	5/8	15.2	Fan	887					
TAJ9510Z	1	18.3	Fan	887					

TAJ9513Z	1 1/8	24.2	Fan	887					
TAJ4517Z	1 1/4	25.95	Fan	887					
TAJ4519Z	1 1/2	34.45	Fan	887					
TFH4522Z	1 3/4	39.95	Fan	1480					
TFH4524Z	2	43.5	Fan	1480					
TFH4531Z	2 1/2	56.65	Fan	1480					
TFH4540Z	3	74.25	Fan	1480					
TAG4546Z	4	90.2	Fan	1960					
TAG4553Z	4 1/2	100.7	Fan	1960					
TAG4561Z	5	112.5	Fan	1960					
TAG4568Z	6	124.4	Fan	1960					
TAG4573Z	6 1/2	134.8	Fan	1960					
Single Phase – Low SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
CAE2417Z	1/3	11.3	Fan	450					
CAE2420Z	1/2	12.54	Fan	450					
CAE2424Z	5/8	15	Fan	450					
CAJ2428Z	1/2	15.2	Fan	887					
CAJ2432Z	5/8	18.3	Fan	887					
CAJ2446Z	3/4	26.15	Fan	887					
CAJ2464Z	1 1/2	34.45	Fan	887					
FH2480Z	2	53.2	Fan	1625					
FH2511Z	2 1/2	74.25	Fan	1625					
Three Phase – Low SST									
Model No.	Nominal HP	Displacement: cm3/rev	Cooling	Oil Charge: ml					
TAJ2464Z	1 1/2	34.45	Fan	887					
TFH2480Z	2	53.2	Fan	1625					
TFH2511Z	2 1/2	74.25	Fan	1625					
TAG2516Z	4	112.5	Fan	1960					
TAG2522Z	5 1/2	134.8	Fan	1960					
Three Phase – Parallel Applications									
Model No.	Nominal HP	Displacement: cm3/rev	Application: SST	Cooling	Oil Charge: ml				
TAGP4546Z	4	90.2	Medium	Fan	1960				
TAGP4553Z	4 1/2	100.7	Medium	Fan	1960				
TAGP4561Z	5	112.5	Medium	Fan	1960				
TAGP4568Z	6	124.4	Medium	Fan	1960				
TAGP4573Z	6 1/2	134.8	Medium	Fan	1960				
TAGP2516Z	4	112.5	Low	Fan	1960				

TAGP2522Z	5 1/2	134.8	Low	Fan	1960			
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**MEDIUM/HIGH BAK PRESSURE COMPRESSORS**

Type	COMPRESSOR MODELS	Nominal Power (H.P.)			REFRIGERATION CAPACITY AT 50HZ Rafed 54.5°C Cond Temp (Watts)						VOLTAGE	
			Refrigerant	Displacement (cm <sup>3</sup> )	Evaporating Temperature							
					Oil charge (cm3)	-25°C	-15°C	-10°C	0°C	+7.2°C		+15°C
PISTON	AEZ4425E	1/5	R22	4.50	250	138	192	258	413	553	728	220-240V/1/50Hz
	AEZ4430E	1/4	R22	5.70	250	192	255	336	538	718	945	220-240V/1/50Hz
	AEZ3440E	1/3	R22	7.55	350	308	362	464	733	980	1298	220-240V/1/50Hz
	AEZ4440E	1/3	R22	7.55	350	308	362	464	733	980	1298	220-240V/1/50Hz
	AEZ9440T	1/3	R22	7.55	350	222	362	464	733	975	1302	220-240V/1/50Hz
	CAE4450E	3/7	R22	9.40	350	355	426	554	896	1212	1623	220-240V/1/50Hz
	CAE9450T	3/7	R22	9.40	350	256	426	554	896	1212	1623	220-240V/1/50Hz
	CAE9460T	1/2	R22	11.30	350	324	553	715	1134	1514	2000	220-240V/1/50Hz
	CAJ9480T TAJ9480T	5/8	R22	15.20	887	461	786	1011	1586	2103	2761	220-240V/1/50Hz 400V/3/50Hz
	CAJ9510T TAJ9510T	1	R22	18.30	887	545	956	1229	1909	2510	3266	220-240V/1/50Hz 400V/3/50Hz
	CAJ9513T TAJ9513T	1-1/8	R22	24.20	887	526	1074	1451	2411	3272	4366	220-240V/1/50Hz 400V/3/50Hz
	CAJ4517E TAJ4517T	1-3/4	R22	25.95	887	771	1233	1673	2727	3629	4743	220-240V/1/50Hz 400V/3/50Hz



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**Mbsm.pro, Motor, compressor,  
type, RSIR, RSCR, CSIR, CSCR,  
PSC**

written by Lilianne | 11 November 2023



(1) RSIR

Resistance start induction run

(2) RSCR

Resistance start capacitor run

(3) CSIR

Capacitor start induction run

(4) CSCR/CSR

Capacitor start capacitor run

(5) PSC

Permanent split capacitor

(1) RSIR

Resistance start induction run

(2) RSCR

Resistance start capacitor run

(3) CSIR

Capacitor start induction run

(4) CSCR/CSR

Capacitor start capacitor run

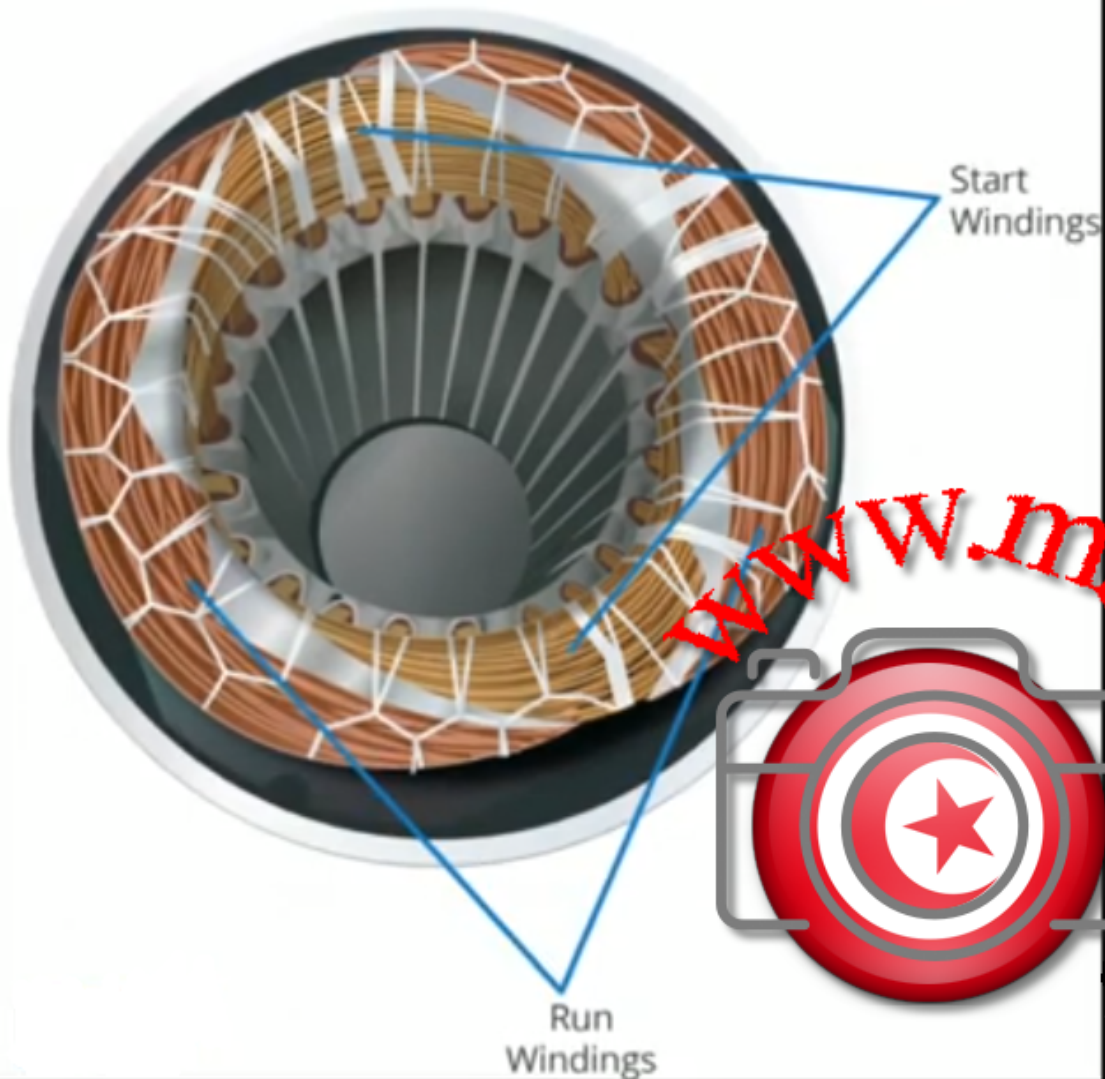
(5) PSC

Permanent split capacitor

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# Compressor Windings



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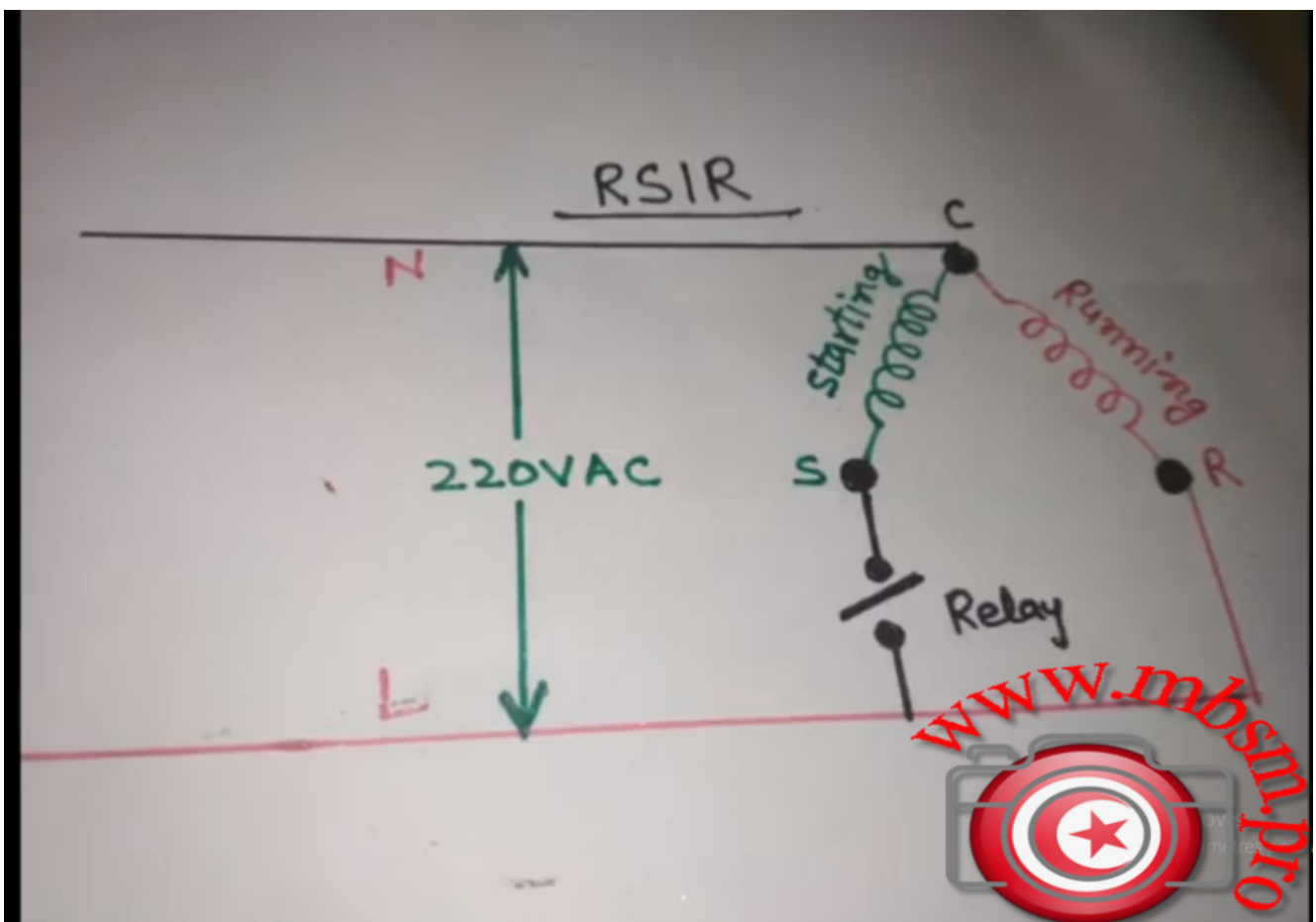
[www.mbsm.pro](http://www.mbsm.pro) (1) RSIR  
Resistance start induction run

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# RSIR



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**Mbsm.pro, COMPRESSOR, ZEL,  
Zanussi, refrigerator,  
CUBIGEL/ ACC , HML140A,  
HDL140A, LBP, R600A,  
220-240V, 1 /8hp, 140w**

written by Lilianne | 11 November 2023



Mbsm.pro, COMPRESSOR, ZEL, Zanussi, refrigerator, CUBIGEL/ ACC  
, HML140A, HDL140A, LBP, R600A, 220-240V, 1 /8hp, 140w