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[Danfoss Light Commercial Refrigeration Compressors](#) / 195B0004

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Reciprocating compressor, TL2.5F

195B0004

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Refrigerant: R134a, Segment usage: Refrigeration LT; Refrigeration MT,
Compressor power supply [V/Ph/Hz]: 220-240/1/50

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Product details

Gross weight	7.2 kg
Application energy level	Universal LBP/MBP
Applications	LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	15.5 Ohm
Base plate type	EU small
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50

Net weight	7.14 kg
Nominal cooling capacity 60 kBTU/h	1.34 kBtu/h
Nominal cooling capacity at 60Hz	0.4 kW
Oil quantity [cm3]	180 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	32 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm

Configuration code	Single
Cut in current LST [A]	6.8 A
Description	TL2.5F
Discharge connection angle [°]	28 °
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	5 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm3]	1600 cm ³

Process connection material	Cu-plated steel
Refrigerant	R134a
Refrigerant charge [kg] [Max]	0.4 kg
RLA	0.50 A
Rotational speed at 50Hz [rpm]	3000 rpm
Segment usage	Refrigeration LT Refrigeration MT
Speed Platform	Fixed-speed
Suction connection angle [°]	30 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection	Cu-plated steel

Frequency [Hz]	50
Height from baseplate [mm]	159 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	222 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA LST [A]	2.2 A
Main winding	41.2 Ohm

material	
Swept volume [cm3]	2.61 cm ³
Technology	Reciprocating
Total height [mm]	163 mm
Type	TL
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Width [mm]	157 mm
Winding temperature short term [°C] [Max]	135 °C
Winding temperature stat [°C] [Max]	125 °C



**resistance for
single-phase
compressors [Ohm]**

Model number TL2.5F

Motor type RSIR

**No. of phases
(compressor)** 1

Documents

Document ... ▼	Singapore ▼	English ▼	Title	
Article	Singapore	English	Online grocery shopping_Article AC394350793758en-000101 348 KB	 PDF
Brochure	Singapore	English	Online Grocery solutions_eBrochure AD392359442231en-000101 3045 KB	 PDF

Document ... ▼	Singapore ▼	English ▼	Title	
Catalog	Singapore	English	Beverage Coolers MBP R404A - R507 - R134a - R290 220 - 240V / 220-240V 50/60Hz AF137686436931en-000201 1217 KB	 PDF
Catalog	Singapore	English	Commercial Secop for Danfoss Freezers 220-240V 50/60Hz LBP AF137686422731en-000201 1235 KB	 PDF
Catalog	Singapore	English	Hermetic compressors for AC Voltage Secop compressors produced for Danfoss AF143086422765en-000101 7326 KB	 PDF
Catalog	Singapore	English	Light Commercial Compressors PL, TL, XV, DL, FR, NL, SC, GS Series for AC Voltage AF327538667395en-000101 14346 KB	 PDF

Document ... ▼	Singapore ▼	English ▼	Title	
Catalog	Singapore	English	Quick Reference R134a 220-240V 50/60Hz AF137686422690en-000201 1287 KB	 PDF
Catalog	Singapore	English	Quick Reference R404A/R507 R134a R290 115V 60Hz AF137886422757en-000201 1192 KB	 PDF
Catalog	Singapore	English	Quick Reference Secop for Danfoss R600a 220-240V 50Hz & 60Hz AF137686422714en-000201 889 KB	 PDF
Installation guide	Singapore	English	Compressor Type Designation Secop for Danfoss AN014486435783en-000301 55 KB	 PDF

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Visuals

Visuals	Document Category	Title	Download
No image available	Photo	Danfoss Light Commercial Refrigeration Compressors – TLE models	> 150711

Accessories

Image coming soon

Reciprocating compressor, TL2.5F

> **102G4200**

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Image
coming
soon

PTC STARTER 220V 25ohm type S-III
6,3mm

› **103N0011**

PTC STARTER 220V 25ohm type S-III 6,3mm

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Image
coming
soon

Accessory

› **103N2010**

COVER TL,NL,FR-220V

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MOUNTING ACCESSORIES

› **118-1917**

MOUNTING ACCESSORIES


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