



067N2151 

Thermostatic expansion valve, TGE, R22/R407C

Temperature range [°C]: -40 - 10, Orifice capacities [kW]: 10, Pressure equalization: Externally equalized

PRODUCT DETAILS

Gross weight	0.431 Kilogram
Net weight	0.35 Kilogram
Volume	1.739 Liter
EAN	5702428139212
Type	TGE
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
Approval	C UL US LISTED EAC LLC CDC TYSK
Balanced port [Yes/No]	Yes
Body material	Brass
Capillary tube length [in]	59 in
Capillary tube length [mm]	1500 mm
China RoHS compliance	Yes with exemptions
China RoHS exemption clause	7.3
Connection material	Copper
Contains batteries	No
Direction	Straightway
Element temperature max. [°C]	110 °C
Element temperature max. [°F]	230 °F
Equalization connection type	Solder, ODF
Equalization size [in]	1/4 in
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Bi-flow
Flow direction indicator	Embossed 1-way arrow
Fluid Group	2
Identical product	067N2171
Inlet connection type	Solder, ODF
Inlet size [in]	1/2 in
Max. Working Pressure [bar]	49 bar
Max. Working Pressure [psig]	711 psig
Orifice capacities [kW]	10 kW
Orifice capacities [TR]	3 TR
Orifice size	3
Outlet connection type	Solder, ODF
Outlet size [in]	5/8 in

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PRODUCT DETAILS

Packing format	Multi pack
Parts included	Bulb strap
PED category	Art. 4, par. 3
Pressure equalization	Externally equalized
Product accessories	TXV accessories
Quantity per packing format	12 pc
Rated cap. cond. Range N [IMP]	tcond=100 °F tevap=40 °F tliq=98 °F
Rated cap. cond. Range N [SI]	tcond=38 °C tevap=4.4 °C tliq=37 °C
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R22/R407C
SCIP dossier no.	3c484d77-61a0-4822-8540- e10a4d795088
SCIP dossier product name	TGE -Thermostatic expansion valve
Serviceable	No
Static Superheat (SS) [°C]	4 °C
Static Superheat (SS) [°F]	7.2 °F
Superheat setting	Adjustable
Temperature range [°C] [max]	10 °C
Temperature range [°C] [min]	-40 °C
Temperature range [°F] [max]	50 °F
Temperature range [°F] [min]	-40 °F
UL approved refrigerants	R22 R407C
UL mark	Yes

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [↗](#)

Accessories

067N0551 [↗](#)
Generic accessories, Bulb clamp, Accessory

Product Type: Accessory, Type designation: Bulb strap, 140 mm, Packing format: Industrial pack,
Quantity per packing format: 40

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