



067N4196

Thermostatic expansion valve, TGE, R407C

Temperature range [°C]: -40 - 10, Orifice capacities [kW]: 25, Pressure equalization: Externally equalized

PRODUCT DETAILS

Gross weight	0.487 Kilogram
Net weight	0.375 Kilogram
Volume	1.739 Liter
EAN	5702428142687
Type	TGE
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
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 [mm]	6 mm
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	067N4216
Inlet connection type	Solder, ODF
Inlet size [mm]	16 mm
Max. Working Pressure [bar]	49 bar
Max. Working Pressure [psig]	711 psig
Orifice capacities [kW]	25 kW
Orifice capacities [TR]	7 TR
Orifice size	8
Outlet connection type	Solder, ODF
Outlet size [mm]	22 mm
Packing format	Multi pack
Parts included	Bulb strap
PED category	Art. 4, par. 3

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PRODUCT DETAILS

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	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	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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