

**068U3733** **Thermostatic expansion valve, TUB, R290**

Temperature range [°C]: -40 - 10, Orifice capacities [kW]: 1.46, Orifice capacities [TR]: 0.42, Pressure equalization: Internally equalized

PRODUCT DETAILS

Gross weight	0.16 Kilogram
Net weight	0.146 Kilogram
Volume	0.402 Liter
EAN	5702428931762
Approval	EAC LLC CDC TYSK UL
Body material	Stainless steel
Capillary tube length [in]	31 in
Capillary tube length [mm]	800 mm
China RoHS compliance	Yes exceed limitations
Connection material	Bi-metal: Steel/copper
Direction	Angleway
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a) 6(c)
Flow direction	Single-flow
Flow direction indicator	Laser engraved 1-way arrow
Fluid Group	2
In scope of WEEE and contain batteries	No
Inlet connection type	Solder, ODF
Inlet size [in]	1/4 in
Max. Working Pressure [bar]	34 bar
Max. Working Pressure [psig]	500 psig
Orifice capacities [kW]	1.46 kW
Orifice capacities [TR]	0.42 TR
Orifice size	3
Outlet connection type	Solder, ODF
Outlet size [in]	1/2 in
Packing format	Multi pack
Parts included	Bulb strap
PED category	Art. 4, par. 3
Pressure equalization	Internally equalized
Product accessories	TXV accessories
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
Quantity per packing format	24 pc
Rated cap. cond. Range N [IMP]	OS=7.2 °F

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PRODUCT DETAILS

	tcond=100 °F tevap=40 °F tliq=98 °F
Rated cap. cond. Range N [SI]	OS=4K tcond=38 °C tevap=4.4 °C tliq=37 °C
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R290
SCIP dossier no.	07795324-de66-41b2-9761-afe6640e393c
SCIP dossier product name	TU/TC - 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
Type	TUB
UA address	UA_2L.png
UK RoHS compliance	Out of scope
UL evaluated	Yes

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