

## Installation guide

## Electric expansion valve Type ETS 5M

<b>Refrigerants</b> For a complete list of approved refrigerants, please visit http://store.danfoss.com/ and search for individual code numbers, where refrigerants are listed as part of product specifications.	Max. working pressure PS / MWP: 4.9 MPa / 49 barg / 710 psig Refrigerant temperature		
<ul> <li>Safety notes for flammable refrigerants (R454C, R454A, R1234ze, R290, R32, R452B, R454B, R455A, R1234yf)</li> <li>This product is validated in accordance to ATEX, EN 378, ISO 5149, ASHRAE 15, IEC 60335-2-x or equivalent standards.</li> <li>Ignition risk is evaluated in accordance to ISO 5149 and IEC 60335.</li> <li>See safety note below.</li> </ul>	t Min.: -30 °C / -22 °F, t Max.: 70 °C / 158 °F Allowable ambient temperature -30 °C / -22 °F - 70 °C / 158 °F Stepper motor type Unipolar Nominal voltage 12 V DC	Phase current 240 mA	Resistance 50 Ω
<ul> <li>A Safety notes:</li> <li>The product can be applied on systems with R454C, R454A, R1234ze, R290, R32, R452B, R454B, R455A, R1234yf as the working fluid.</li> <li>For countries where safety standards are not an indispensable part of the safety system Danfoss recommend the installer to get a third party approval of the system containing flammable refrigerant.</li> <li>Note, please follow specific selection criteria stated in the datasheet for these particular refrigerants.</li> <li>The valve must only be used in closed circuit refrigeration system, where no oxygen is present acc. EN 378, ISO 5149 ASHRAE 15 or IEC 60335-2-x or equivalent standards.</li> </ul>	1 Mounting Angle		
Warning!         Image: Image	90°	90°	_



