**RDF600KN Room thermostat for fan coil units, for flush-mounting,**

to be used for fan coil applications in 2-pipe plants, 2-pipe plants with electric heating and 4-pipe plants or with compressors in DX type equipment, with application selection using the integrated DIP switches or the ETS, with integrated temperature sensor, measuring range 0…49 °C, with 2 multifunctional inputs, freely selectable for operating mode switchover contact (keycard), for changeover sensors for automatic heating / cooling mode changeover, for external room temperature or return air temperature sensors, for dew point sensors, for enable of electric heating, for fault messages or as monitoring input for temperature sensors or for switch status messaging, with 5 relay outputs AC 230 V, 5 A, normally open contacts, non-potential-free, to control actuators and electric heating via two 2-point or one 3-point control and for 1- or 3-stage fan control, with pushbutton to set operating mode Comfort, Economy and Protection mode, with pushbutton to select fan mode, with 2 pushbuttons to set setpoints and parameters, with backlit LCD, with following software functions: On/Off-, P- or PI-control, automatic or manual changeover heating / cooling mode, room temperature control dependent on room or return air temperature, room temperature control via the integrated temperature sensor or an external room / return temperature sensor, changeover between heating and cooling mode, manually or automatically via the integrated temperature sensor or the bus, temporary extension of comfort mode, display of present room temperature or setpoint in °C or °F, setpoint setting range 5…40 °C, minimum or maximum setpoint limitation, automatic or manual pushbutton lock, with fan control functions: fan kick, fan start, fan operating mode (enable, lock, or dependent on heating or cooling mode), with purge function together with a two-port valve in a 2-pipe changeover system, with reminder to clean the filter, with floor heating temperature limitation, with display of outside temperature or time via the bus, with time program and central setpoint control over the bus, with reset option to factory settings of commissioning and control parameters, with adjustable commissioning and control parameters using the ETS or a local Human-Machine interface (HMI), with power supply by AC 230 V, 50/60 Hz, with integrated bus coupling unit, bus current 5mA, with KNX communication in S-mode and LTE-mode, with bus connection via terminals, with terminals for sensors, switches, and valve actuators, degree of protection: IP 30, 86 x 86 x 46 mm, packing unit (pcs) 1, weight 0,15 kg,

order number: S55770-T293.