



017-524566 🗷

Pressure switch, RT1

Regulation range [bar] Pe: -0.80 - 5.00, Differential [bar]: 0.50 - 1.60, Contact function: SPDT, Reset function: Auto, Pressure connection type: Flare, Pressure connection size: 1/4, Pressure Male/Female: Male, Enclosure rating IP: IP66, Max. Working Pressure [bar]: 22.0

PRODUCT DETAILS

Net weight	Gross weight	0.852 Kilogram
Volume 2.763 Liter EAN 5702428517416 Ambient temperature range [°C] 70 °C [max] -50 °C Ambient temperature range [°F] 158 °F [max] -58 °F Ambient temperature range [°F] -58 °F [min] -78 °F Approval CCC CE EAC GL LLC CDC EURO-TYSK LVD NKK P2H RINA RNRS ROHS ROHS ROHS ROHS China TYSK UKCA UKCA China ROHS compliance Yes Contact function SPDT Contact rating AC1=3 A, 400 V Cinact rating AC1=3 A, 400 V DIfferential [bar] [min] 0.5 bar		
EAN 5702428517416 Ambient temperature range [°C] 70 °C Imax 70 °C Ambient temperature range [°C] -50 °C Imax 158 °F Ambient temperature range [°F] 158 °F Imin -50 °C Approval CCC CE EAC GL LLC CDC EURO-TYSK LVD NKK P2H RINA RMRS ROHS ROHS China TYSK UKCA UKCA China RoHS compliance Yes Contact function SPDT Contact rating AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC15=12 W, 220 V LR=28 A, 400 V Differential [bar] [min] 0.5 bar Differential [par] [min] 0.5 bar Differential [par] [min] 7.3 psi EEE category and server and se		
Ambient temperature range [°C] [max] Ambient temperature range [°C] [mini] Ambient temperature range [°F] [mini] Ambient temperature range [°F] [mini] Approval CCC CE EAC GL LLC CDC EURO-TYSK LVD NKK PZH RINA RMRS ROHS ROHS ROHS ROHS China TYSK UKCA China ROHS compliance TYSK COTACT Atting AC1=3 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V DIfferential [bar] [min] Differential [bar] [min] Differential [bar] [min] Differential [pin] [max] Differential [pin] [min] 5 Smil equipment (any external dimension 50 cm) 5 Smil equipment (any external dimension 50 cm) LSS **CONTINE TYSK ROHS ROHS		
Imax -50 °C Ambient temperature range [°C] (mix) 158 °F Ambient temperature range [°F] (max) -58 °F Ambient temperature range [°F] (mix) -58 °F Ambient temperature range [°F] (mix) -58 °F Approval CCC EAC GL GL LLC CDC EURO-TYSK LVD NKK P2H RINA RMRS ROHS ROHS China TYSK UKCA UKCA China ROHS compliance Yes Contact function SPDT Contact rating AC15-3 A, 400 V AC1=10 A, 400 V AC1=10 A, 400 V DC13=12W, 220 V LR=28 A, 400 V Differential [bar] [mix] 0.5 bar Differential [pis] [mix] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		
Ambient temperature range [°C] -50 °C [min] Ambient temperature range [°F] -58 °F [min] Ambient temperature range [°F] -58 °F [min] Approval Approval Approval Approval Approval Approval Approval Approval Approval A		
min Ambient temperature range [°F] 158 °F Imin Approval CCC CE EAC GL LLC CDC EURO-TYSK LVD NKK PZH RINA RMRS ROHS China TYSK UKCA UKCA China RoHS compliance Contact function SPDT Contact function SPDT Contact rating AC1=3 A, 400 V AC3=4 A, 400 V Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 1.3 psi Differential [psi] [max] 1.5 psi Differential [psi] [max] 1.5 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		-50 °C
Ambient temperature range [*F] 158 *F Imax -58 *F Iminal -58 *F I		
Temax		
Ambient temperature range [°F]		
CCC		-58 °F
CCC		
CE		CCC
GL LLC CDC EURO-TYSK LVD		CE
LLC CDC EURO-TYSK LVD NKK PZH RINA RMRS RoHS RoHS ROHS China TYSK UKCA		EAC
LVD NKK PZH RINA RINA RINA RMRS RoHS RoHS ROHS China TYSK UKCA UKCA China ROHS compliance Yes Contact function SPDT Contact rating AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category Small equipment (any external dimension 50 cm)		GL
NKK PZH RINA RMRS RMRS RoHS RoHS ROHS China TYSK UKCA		LLC CDC EURO-TYSK
PZH RINA RMRS ROHS ROHS China TYSK UKCA		LVD
RINA RMRS RoHS RoHS RoHS China TYSK UKCA		NKK
RMRS RoHS RoHS RoHS China		PZH
RoHS RoHS China TYSK UKCA		RINA
RoHS China TYSK UKCA		RMRS
TYSK UKCA China RoHS compliance Yes Contact function SPDT Contact rating AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] 1.6 bar Differential [psi] [min] 0.5 bar Differential [psi] [min] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		RoHS
UKCA		RoHS China
China RoHS compliance Yes Contact function SPDT Contact rating AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		TYSK
Contact function SPDT Contact rating AC15=3 A, 400 V AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] 1.6 bar Differential [psi] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		UKCA
AC15=3 A, 400 V	China RoHS compliance	Yes
AC1=10 A, 400 V AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)	Contact function	SPDT
AC3=4 A, 400 V DC13=12 W, 220 V LR=28 A, 400 V Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)	Contact rating	AC15=3 A, 400 V
DC13=12 W, 220 V LR=28 A, 400 V		AC1=10 A, 400 V
Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		AC3=4 A, 400 V
Differential [bar] [max] 1.6 bar Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		DC13=12 W, 220 V
Differential [bar] [min] 0.5 bar Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)		LR=28 A, 400 V
Differential [psi] [max] 23.2 psi Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)	Differential [bar] [max]	1.6 bar
Differential [psi] [min] 7.3 psi EEE category 5 small equipment (any external dimension 50 cm)	Differential [bar] [min]	0.5 bar
EEE category 5 small equipment (any external dimension 50 cm)	Differential [psi] [max]	23.2 psi
dimension 50 cm)	Differential [psi] [min]	7.3 psi
	EEE category	5 small equipment (any external
Electrical conn. Male/Female Female		dimension 50 cm)
	Electrical conn. Male/Female	Female

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



PRODUCT DETAILS

PRODUCT DETAILS	
Electrical connection	Screwed cable entry
Electrical connection size	2xPg 13.5
Electrical connection standard	DIN 40430
Electrical spec. standard	EN 60947-4/-5
EN 60947 electrical properties	Insulation: 400V
• •	Pollution degree: 3
	Rated impulse voltage: 4 kV
	Short circuit prot, fuse: 10A
EN 60947 wiring properties	Flex, ferrules: 0.2-1.5 mm2
5	Flex, no ferrules: 0.2-2.5 mm2
	Solid/stranded: 0.2-2.5 mm2
Enclosure rating IP	IP66
EU RoHS compliance	Yes
EU RoHS exemption clause	No
In scope of WEEE	Yes
In scope of WEEE and contain	No
batteries	NO
Max. test pressure [bar] Pe	25 bar
Max. test pressure [psig]	363 psig
Max. Working Pressure [bar]	22 bar
Max. Working Pressure [psig]	320 psig
Packing format	Multi pack
Pressure connection size	1/4
Pressure connection standard	DIN 8906
Pressure connection type	Flare
Pressure Male/Female	Male
Pressure sensing element	Bellows
Product accessories	Switches accessories
Product description	Pressure Switch
Product group	Switches and thermostats
Product Name Description	Pressure switch
Quantity per packing format	15 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R11
•	R113
	R12
	R124
	R134a
	R22
	R404A
	R407A
	R407C
	R407F
	R407H
	R422B
	R422D
	R438A
	R507C
Regulation range [bar] Pe [max]	5 bar
Regulation range [bar] Pe [min]	-0.8 bar
Reset function	Auto
SCIP dossier no.	54f3e4b2-77e8-4825-a1c1-
Jen Woodel Ho	c3d5ba584171
	C3G33G3CT171

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



PRODUCT DETAILS

Serviceable	Contact systems
Туре	RT1
UK RoHS compliance	Yes
UL approved refrigerants	R11
	R113
	R12
	R124
	R134a
	R22
	R404A
	R407A
	R407C
	R407F
	R407H
	R422B
	R422D
	R438A
	R507C

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store $\[mathbb{L}\]$

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.