

**060-5253****Pressure switch, KPU16B**

Regulation left side [bar]Pe: -0.20 - 7.50, Regulation right side [bar]Pe: 8.0 - 42.0, Differential left side [bar]: 0.70 - 4.00, Differential right side [bar]: 4.0, Contact function: SPDT+SPST(NO), Reset function, left side: Min convertible

PRODUCT DETAILS

Gross weight	0.905 Kilogram
Net weight	0.86 Kilogram
Volume	1.028 Liter
EAN	5702428063890
Amb. Temp. Note	80 °C/176 °F for max 120 min
Ambient temperature range [°C] [max]	50 °C
Ambient temperature range [°C] [min]	-40 °C
Ambient temperature range [°F] [max]	122 °F
Ambient temperature range [°F] [min]	-40 °F
Application note	Not applicable for liquid line
Approval	CE LVD PED RoHS UKCA c UL us UL873, CS C22.2
China RoHS compliance	Out of scope
Contact function	SPDT+SPST(NO)
Contact rating	144 A, 240 V AC 24 A, 240 V ac DC=12 W pilot duty FLA=24 A, 120 V ac LRA = 144 A, 120 V ac
Differential left side [bar] [max]	4 bar
Differential left side [bar] [min]	0.7 bar
Differential left side [psi] [max]	60 psi
Differential left side [psi] [min]	10 psi
Differential right side [bar]	4 bar
Differential right side [psi]	60 psi
Electrical conn. comments	for ½ in male pipe thread
Electrical connection	Hole
Electrical connection size	7/8 in
EN 60947 electrical properties	Insulation: 400V Pollution degree: 3 Rated impulse voltage: 4 kV

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

	Short circuit prot, fuse: 16A
EN 60947 wiring properties	Flex, ferrules: 0.5-1.5 mm ² Flex, no ferrules: 0.7-2.5 mm ² Solid/stranded: 0.75-2.5 mm ²
Enclosure rating IP	IP30
Enclosure rating Nema (~)	1
EU RoHS compliance	Yes
EU RoHS exemption clause	No
In scope of WEEE and contain batteries	No
Lubricants compatibility	Oilfree applications
MWP left side [bar] Pe	17 bar
MWP left side [psig] Pe	250 psig
MWP right side [bar] Pe	46.5 bar
MWP right side [psig] Pe	675 psig
Oil free refrigerants	R134a R513A R515B
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	Dual Pressure Control
Product group	Switches and thermostats
Product Name Description	Pressure switch
Quantity per packing format	14 pc
REACH Candidate List substances	No
Refrigerants	R113 R124 R134a R22 R404A R407A R407C R407F R407H R410A R422B R422D R438A R448A R449A R450A R452A R507A R513A R515B
Regulation left side [bar]Pe [max]	7.5 bar
Regulation left side [bar]Pe [min]	-0.2 bar
Regulation left side range Pe	6 inHg - 108 psig

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 Detail | Pressure switch, KPU16B

PRODUCT DETAILS

Regulation right side [bar]Pe [max]	42 bar
Regulation right side [bar]Pe [min]	8 bar
Regulation right side [psig]Pe [max]	600 psig
Regulation right side [psig]Pe [min]	100 psig
Reset function, left side	Min convertible
Reset function, right side	Max convertible
Serviceable	No
Type	KPU16B
UK RoHS compliance	Out of scope
UL approval file name	E31024
UL approved refrigerants	R113 R124 R134a R22 R404A R407A R407C R407F R407H R410A R422B R422D R438A R448A R449A R450A R452A R507A R513A R515B

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories

**060-019066** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-019366** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**017-420566** [🔗](#)**Switches accessories, Reducing Nipple**

Reducing Nipple, Packing format: Multi pack, Quantity per packing format: 5

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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 Detail | Pressure switch, KPU16B

Accessories

**023U8001** [🔗](#)**FSA, Flare, Solder, ODF, Adapter**

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter

**023U8002** [🔗](#)**FSA, Flare, Solder, ODF, Adapter**

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter

**023U8011** [🔗](#)**FSA, Flare, Solder, ODF, Adapter**

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter

**023U8012** [🔗](#)**FSA, Flare, Solder, ODF, Adapter**

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter

**023U8041** [🔗](#)**FSA, Flare, Solder, ODF, Adapter**

Product Type: FSA, Inlet connection type: Flare, Outlet connection type: Solder, ODF, Adapter

**060-000466** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-000566** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-001166** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-002366** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50

**060-005966** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 100

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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 Detail | Pressure switch, KPU16B

Accessories

**060-007066** [🔗](#)**Switches accessories, Capillary Tube Min. 50 pcs.**

Capillary Tube Min. 50 pcs., Packing format: Industrial pack, Quantity per packing format: 50

**060-016366** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 40

**060-016866** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 40

**060-017666** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 40

**060-019166** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-019266** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50

**060-104866** [🔗](#)**Switches accessories, Damping Device**

Damping Device, Packing format: Multi pack, Quantity per packing format: 20

**060-105966** [🔗](#)**Switches accessories, Screwed Cable Entry With Nut**

Screwed Cable Entry With Nut, Packing format: Multi pack, Quantity per packing format: 5

**060-333866** [🔗](#)**Switches accessories, Transition Nipple**

Transition Nipple, Packing format: Multi pack, Quantity per packing format: 20

**060-004866** [🔗](#)**Switches accessories, Capillary Tube**

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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 Detail | Pressure switch, KPU16B

Accessories



060-007166 [🔗](#)

Switches accessories, Capillary Tube

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 40



060-007266 [🔗](#)

Switches accessories, Capillary Tube

Capillary Tube, Packing format: Industrial pack, Quantity per packing format: 50



060-016766 [🔗](#)

Switches accessories, Capillary Tube

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50



060-017166 [🔗](#)

Generic accessories, Capillary Tube

Capillary Tube, Packing format: Multi pack, Quantity per packing format: 50

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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.