

Compressor pressure switch Type MDR5



Design type	Pressure switch 3-pole
Connection	G1/2" Female thread
Materials	Body aluminium, cap plastic, seal NBR
Medium temperature	-5...+80°C
Ambient temperature	-5...+80°C
Switching voltage	230V/50Hz-400V/50Hz
Switching capacity	with AC 2.5 kW, with three-phase current 5.5KW
Degree of protection	IP54
Reset differential	adjustable see adjustment diagram
Application	These pressure switches are used for switching compressors on and off

Series MDR5, without motor protection relay and without mechanical ON/OFF switch

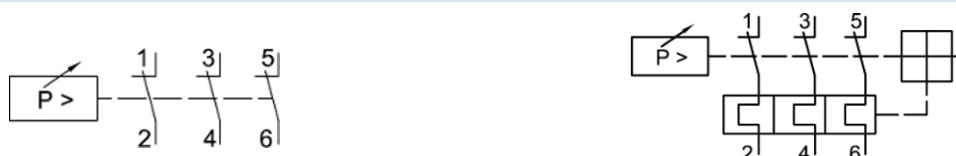
Adjustment range [bar]	Overpressure safety [bar]	Weight [kg]	Type
2-11	16	0,82	MDR5/11
2,5-16	16	0,82	MDR5/16

Series MDR5...K, with motor protection relay and mechanical ON/OFF switch

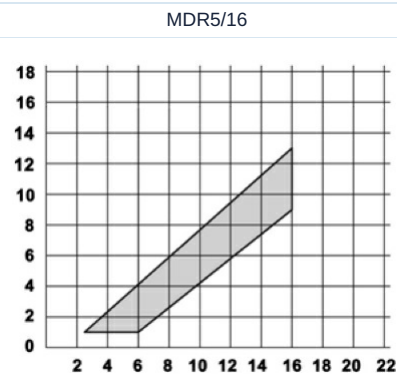
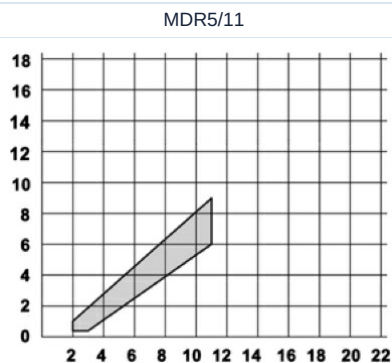
Adjustment range [bar]	Overpressure safety [bar]	Current range[A]	Weight [kg]	Type
2-11	16	2,4-4,2	1,0	MDR5/11K-R5/4,2
2-11	16	4,0-7,0	1,0	MDR5/11K-R5/7
2-11	16	6,1-10,3	1,0	MDR5/11K-R5/10,3
2,5-16	16	2,4-4,2	1,0	MDR5/16K-R5/4,2
2,5-16	16	4,0-7,0	1,0	MDR5/16K-R5/7
2,5-16	16	6,1-10,3	1,0	MDR5/16K-R5/10,3



Electrical connection

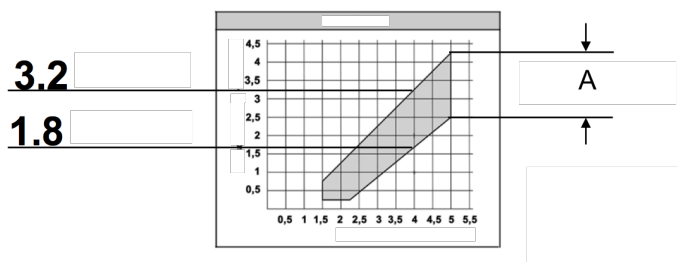


Adjustment diagram



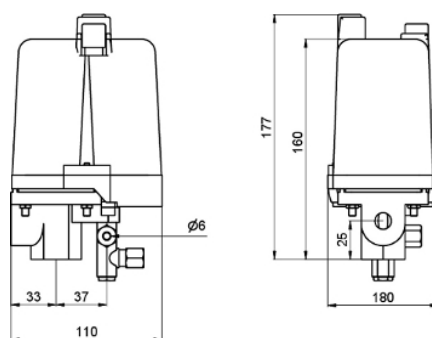
Vertical axis: Switch-on pressure in bar
Horizontal axis: Switch-off pressure in bar

Example



A...Reset differential e.g. Switch-off pressure 4bar: Switch-on pressure between 1,8...3,2bar adjustable

Dimensions



Illustrations non-binding

Design, dimensional and material changes reserved

Armatures / Pressure switches, measuring instruments and flow monitors / Pressure switch / Pressure switch Series MDR

Version 9

138126 / Generated 2026/40 EN

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Open series online

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