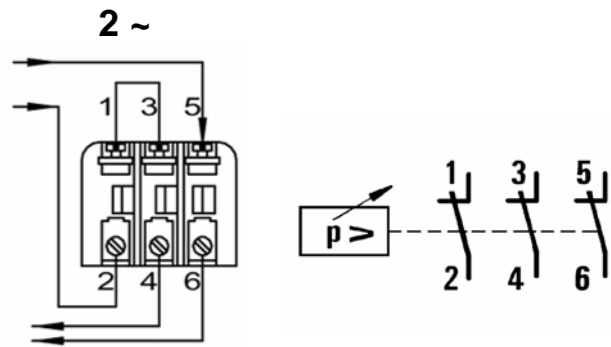
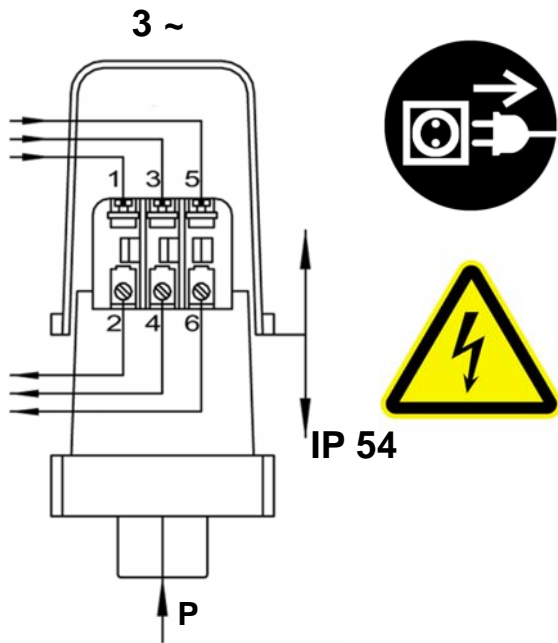




The relevant standards for running and installing electrical appliances are to be observed. Installation and connection by skilled personnel only, after installing accessories function of device to be checked by skilled personnel only.



EN/IEC 60947 - 4 - 1 (AC-3)			
I_q	I_{the}	Typ "2" NH00 / gL	U_N (50/60 Hz)
3 kA	25 A	50 A	500 V~

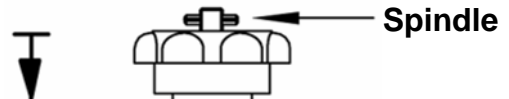
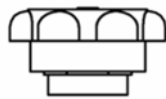
CAUTION: Pressure setting is only possible when applying pressure to the switch

Cut-out pressure p_o

Differential Δ_p

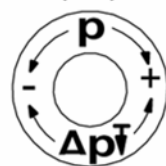
$$\Delta_p = p_o - p_u$$

Press wheel downwards



p_o lower:
turn wheel
to the left

p_o higher:
turn wheel
to the right



Δ_p lower:
turn wheel
to the right

Δ_p higher:
turn wheel
to the left

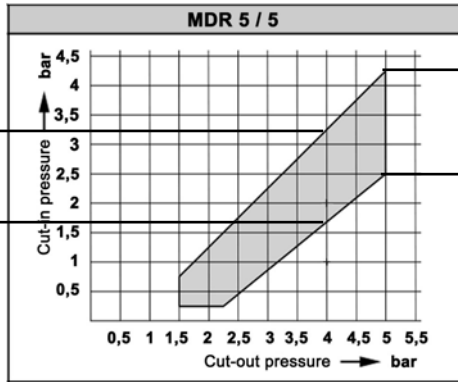


If the spindle moves when turning, lowest possible Δ_p has been reached. In order to loosen, turn wheel to the left holding the spindle tight.

Example of a pressure setting using the MDR 5/5 pressure diagram

3.2 max. cut-in pressure

1.8 min. cut-in pressure

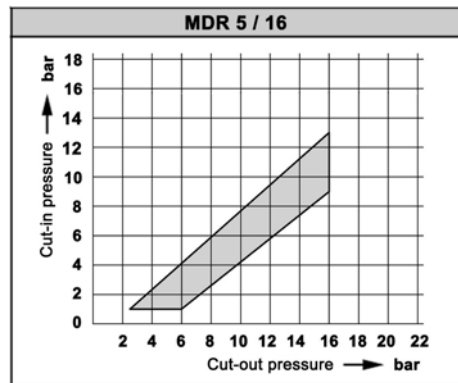
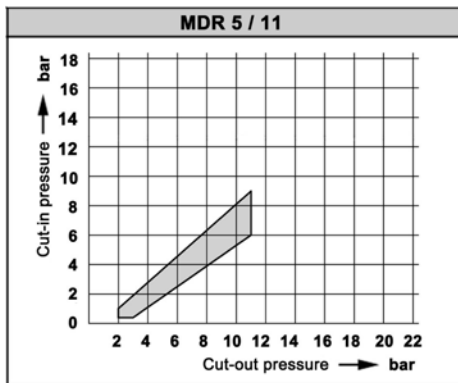
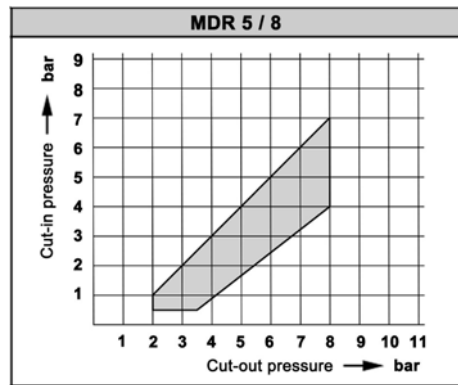
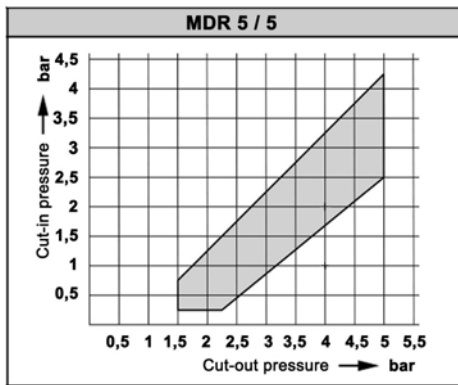


Setting range off the cut-in pressure

Example:

Cut-out pressure p_o 4 bar
 Cut.in pressure p_u between 1.8 and 3.2 bar possible

Pressure Diagrams MDR 5



02.11.2005



Condor Pressure Control GmbH

Warendorfer Straße 47 – 51
 D-59320 Ennigerloh

Telefon: +49 (0) 25 87 / 89 – 0
 Telefax: +49 (0) 25 87 / 89 - 140

info@condor-cpc.com
 www.condor-cpc.com

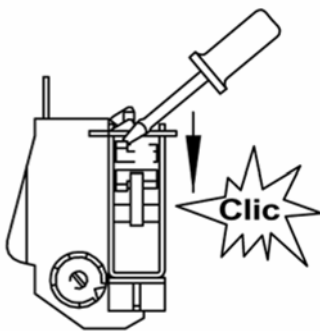


Beachten Sie die für Errichtung und Inbetriebnahme elektrischer Anlagen gültigen Vorschriften. Einbau und Anschluss nur durch Fachkraft; nach Anbringung von Zubehör Funktionsüberprüfung durch Elektrofachkraft erforderlich.

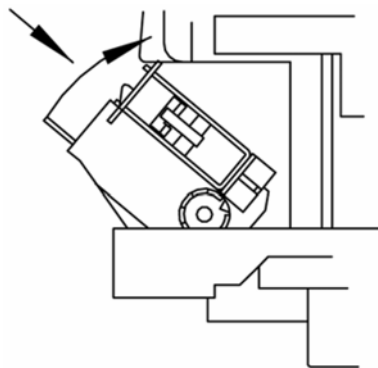
The relevant standards for running and installing electrical appliances are to be observed. Installation and connection by skilled personnel only, after installing accessories function of device to be checked by skilled personnel only.



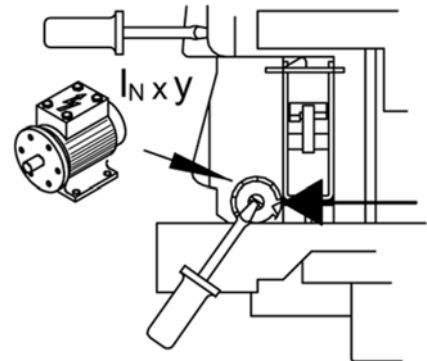
1.



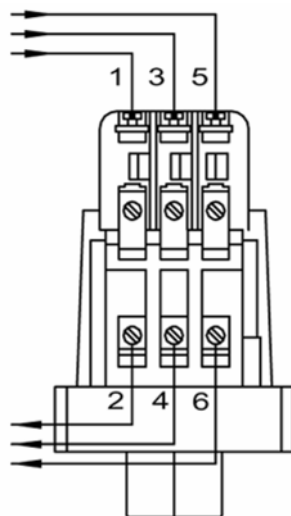
2.



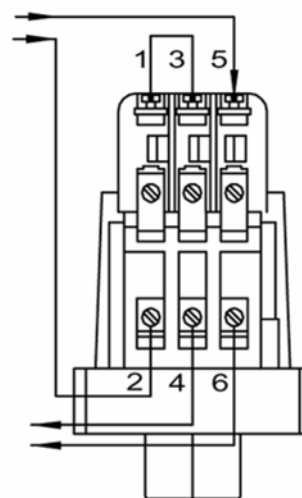
3.




+ R5 (3~)



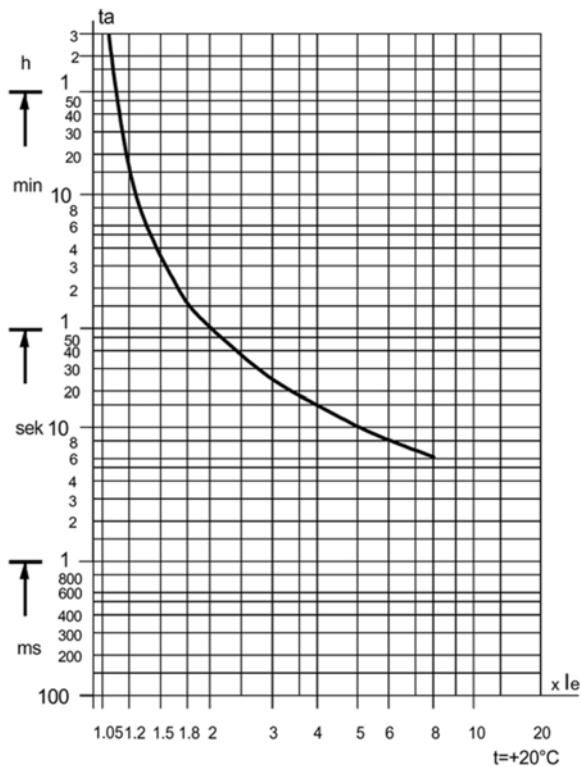
+ R5 (2~)



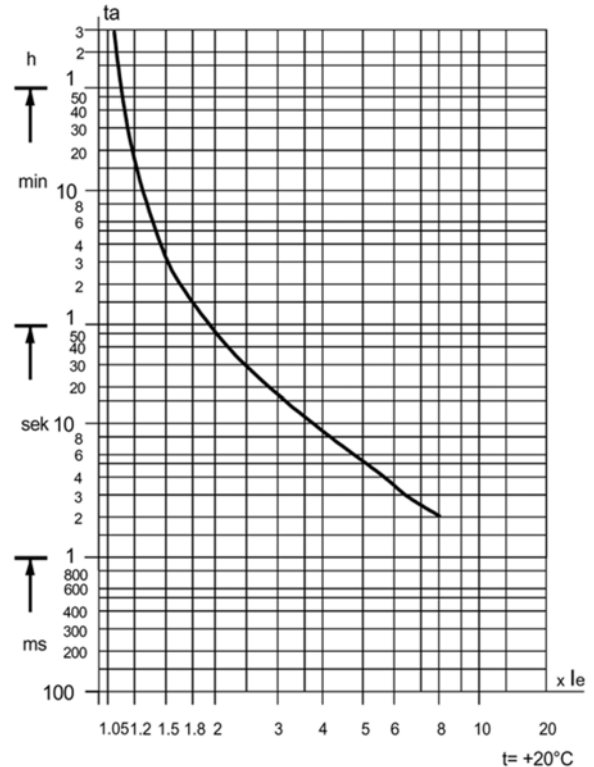
EN 60947 - 4 - 1 7.2.1.4	I_N	U_N (50 / 60 Hz)	EN 60947 - 4 - 1 8.3.4.1  NH 00 / gL
R5 / 1,5	0,86 – 1,5 A	500 V	10 A
R5 / 2,45	1,5 – 2,45 A	500 V	16 A
R5 / 4,2	2,4 – 4,2 A	500 V	25 A
R5 / 7,0	4,0 – 7,0 A	500 V	35 A
R5 / 10,3	6,1 – 10,3 A	500 V	50 A
R5 / 14	9,0 – 14,0 A	500 V	63 A
R5 / 18	11,0 – 18,0 A	500 V	50 A

Auslösekennlinie R5 / Tripping curves R5

R5 0,86 – 7,0 A



R5 6,1 – 18 A



t	y
-5°C	0,85
+20°C	1,00
+40°C	1,12

$I_N \times y$

t	y
-5°C	0,82
+20°C	1,00
+40°C	1,12

02.11.2005



Condor Pressure Control GmbH

Warendorfer Straße 47 – 51
D-59320 Ennigerloh

Telefon: +49 (0) 25 87 / 89 – 0
Telefax: +49 (0) 25 87 / 89 - 140

info@condor-cpc.com
www.condor-cpc.com