



Equipment

Product information

MR[®] 51 / MR[®] 51V42 / MR[®] 56

Hand yokes 230 V / 42 V

MR[®]
CHEMIE
NDT-materials

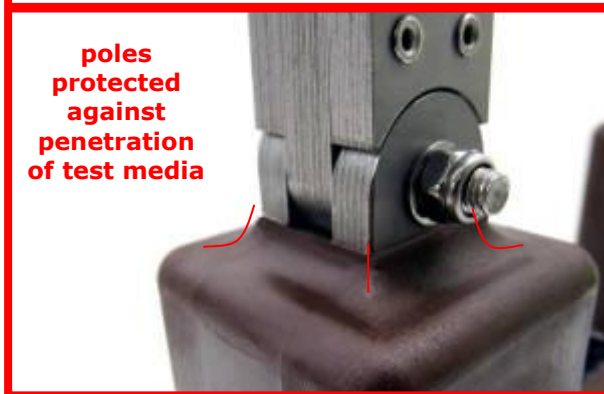
TO SEE MORE!

MR[®] Hand yokes (AC)

MR[®] 51 – Handy Power 230 V

MR[®] 51V42 – Handy Power 42 V

MR[®] 56 – Strong Power 230 V





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Features:

- Own production – made in Germany
- Stout and impact proof housing
- Very good quality-price ratio
- No power loss because of the optimized fitting of the poles
- Poles protected against penetration of test media
- Ergonomical handle
- Powerful
- Low maintenance

Technical data:

Hand yoke:	MR [®] 56 (230V)	MR [®] 51 (230V)	MR [®] 51V42 (42V)
Art. no. Hand yoke:	56	51	51V42
Art. no. Isolating transformer:	--	--	51V42-1 (please order separately)
Operating voltage / frequency:	230V AC / 50-60 Hz	230V AC / 50-60 Hz	42V AC / 50-60 Hz
Strength of current:	3.8 Ampere	2.8 Ampere	5.8 Ampere
Distance between poles with adjustable poles: with straight poles:	125-210 mm 160 mm	70-155 mm 110 mm	70-155 110 mm
Pull-off-strength:	> 15 kg	app. 5,4 kg	ca. 5,4 kg
Magnetic field strength with adjustable poles:	Pole distance 210 mm: 45 A/cm Pole distance 160 mm: 50 A/cm Pole distance 125 mm: 68 A/cm	Pole distance 150 mm: 33 A/cm Pole distance 110 mm: 38 A/cm Pole distance 70 mm: 60 A/cm	Pole distance 150 mm: 25 A/cm Pole distance 110 mm: 30 A/cm Pole distance 70 mm: 44 A/cm
Magnetic field strength with straight poles:	Pole distance 160 mm: 60 A/cm	Pole distance 110 mm: 44 A/cm	Pole distance 110 mm: 33 A/cm
Magnetizing current:	AC	AC	AC
Dimensions:	L260 x D50 x H195 mm	L230 x D50 x H160 mm	L230 x D50 x H160 mm
Weight:	incl. adjust. Poles: 4,0 kg incl. straight poles: 3,7 kg	incl. adjust. Poles: 2,9 kg incl. straight poles: 2,7 kg	incl. adjust. Poles: 2,9 kg incl. straight poles: 2,7 kg
Cable:	5 m safety cable with safety plug	3 m safety cable with safety plug	3 m safety cable with safety plug
Delivery content:	<ul style="list-style-type: none"> ▪ MR[®] 56 Hand yoke ▪ adjustable poles ▪ User manual ▪ Electr. protocol BGV A3 	<ul style="list-style-type: none"> ▪ MR[®] 51 Hand yoke ▪ straight +adjustable poles ▪ User manual ▪ Electr. protocol BGV A3 	<ul style="list-style-type: none"> ▪ MR[®] 51V42 Hand yoke ▪ straight +adjustable poles ▪ User manual ▪ Electr. protocol BGV A3



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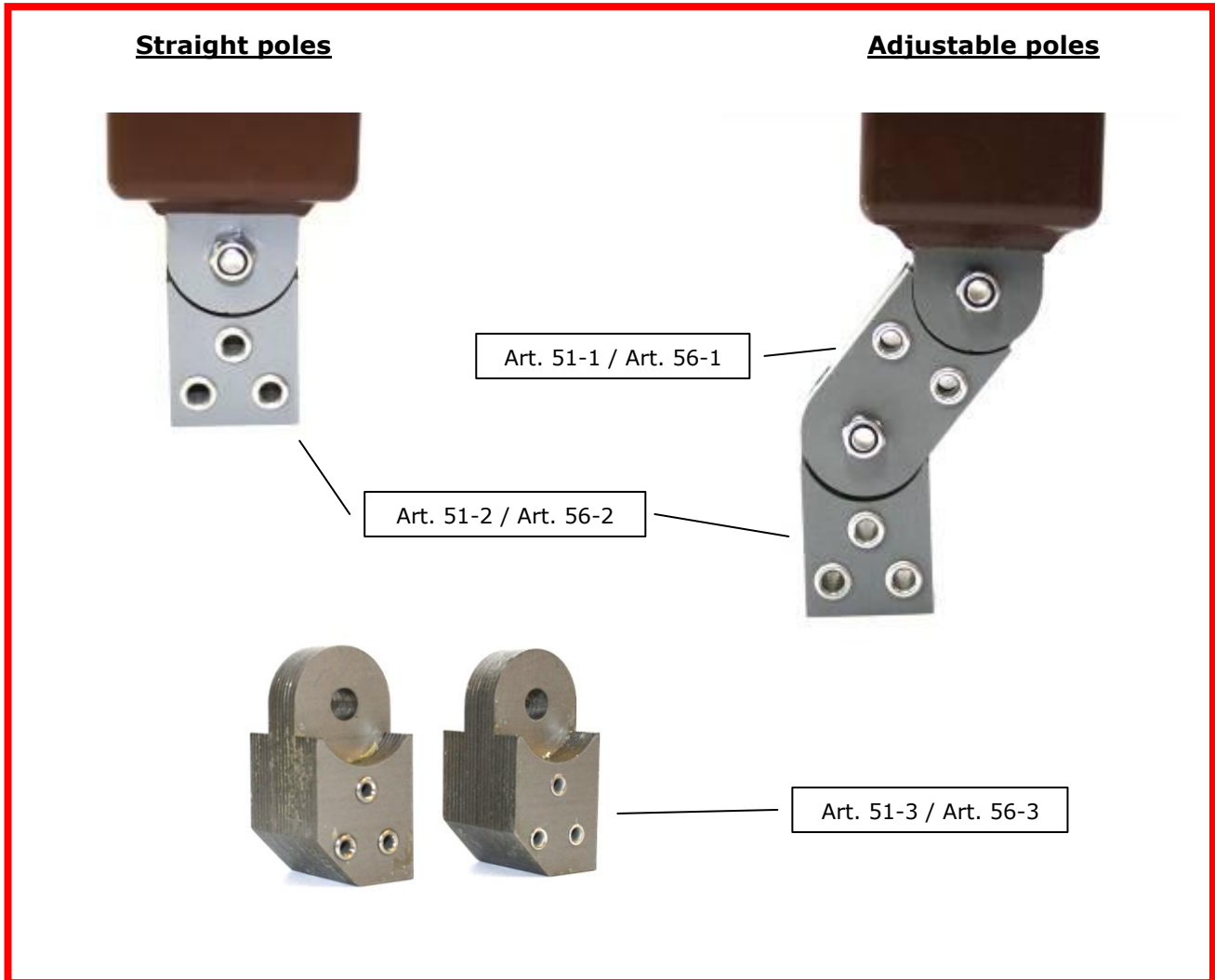
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Poles:

MR[®] 51 Hand yoke is delivered with adjustable poles. In order to work with straight poles, the articulation piece (Art. 51-1) can be removed.

MR[®] 56 Hand yoke is delivered with straight poles. The articulation piece (Art. 56-1) (for extension, to have articulation poles) can be purchased extra.

When testing special forms (e.g. tubes, fillet welds) poles 45° (Art. 51-3 / 56-3) can be mounted either to the articulation piece (Art. 51-1 / 56-1) or directly to the hand yoke.



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Spare parts / Equipment:		
MR [®] 51 Hand yoke 230V / MR [®] 51V42 Hand yoke 42V		
Art. No.	Description	Picture
51-3	Pole 45° (1 set = 2 pieces)	
51-1	Articulation piece for articulated poles (1 set = 2 pieces)	
51-2	Contact poles (1 set = 2 pieces)	
51V42-1	Isolating transformer 42~ V, IP 44, sek. 320 VA, 7,6 A, 50/60 Hz Only for MR[®] 51V42!	
MR [®] 56 Hand yoke 230V		
Art. no.	Description	Picture
56-1	Articulation piece for articulated poles (1 set = 2 pieces)	
56-2	Contact poles (1 set = 2 pieces)	
56-3	Poles 45° (1 set = 2 pieces)	