

## IP64 door handles and accessories

### Main accessories



MSHD-LB



MSHD-LY



MSMN



MSH-AR



MSAH1

#### Description

With this solution of door coupling rotary mechanism it is possible to operate a Manual Motor Starter in the back of a switch cabinet from outside. The door coupling mechanism prevents opening of the door of a switch cabinet with the Manual Motor Starter in ON position.

The complete mechanism includes handle, shaft, driver, shaft alignment ring and shaft supporter.

All accessories fit for 6 mm shafts with a maximum length of 180 mm. The degree of protection for handles MSHD is IP64.

#### Ordering details

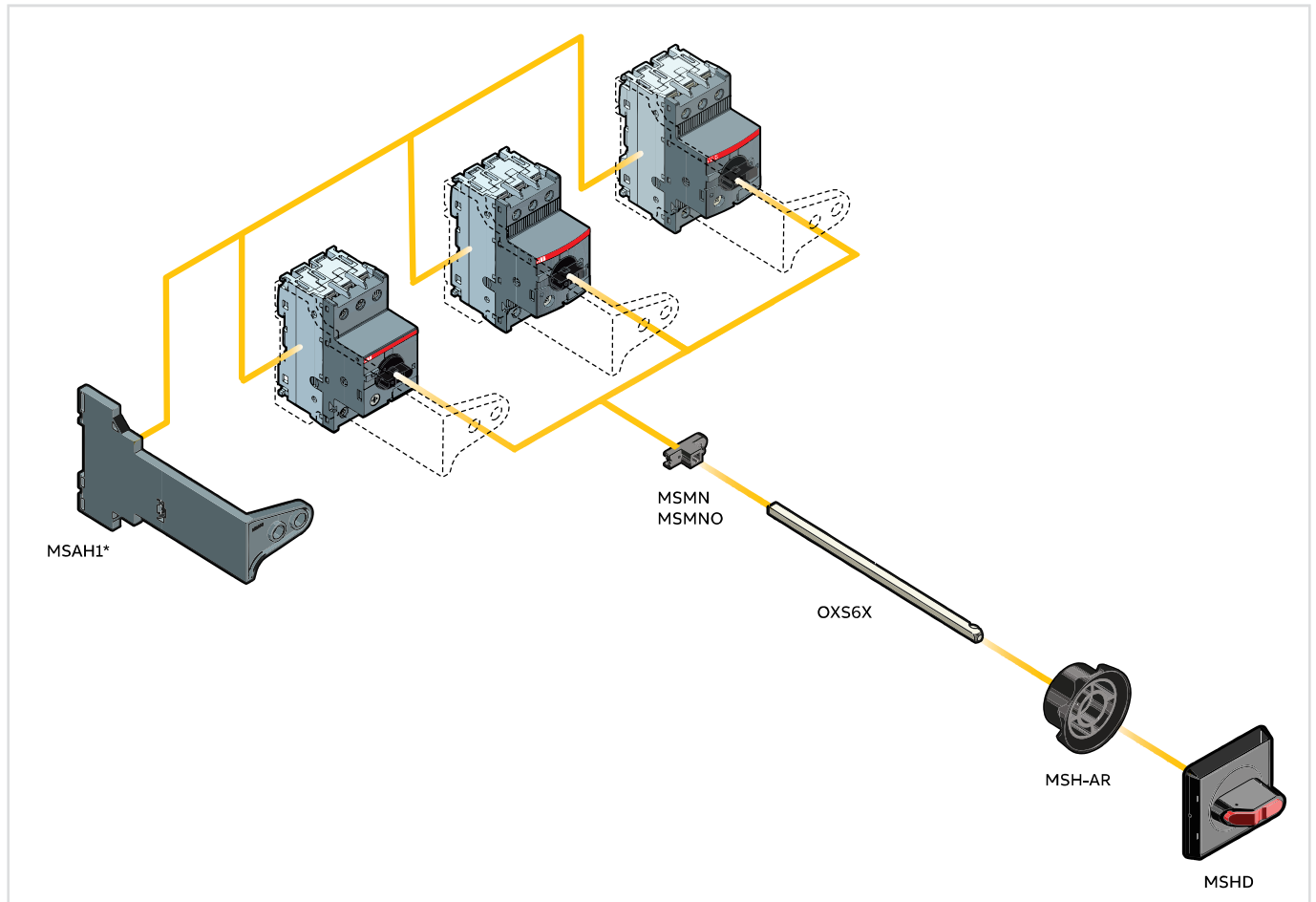
Suitable for	Description	Shaft length mm	Colour	Factory code	Order code
<b>Shafts</b>					
MS116, MS132, MS165, MS4xx	For MSHD handles. Shaft diameter 6 mm. Shaft extension for door coupling driver.	85		1SCA101647R1001	OXS6X85
		105		1SCA108043R1001	OXS6X105
		130		1SCA101655R1001	OXS6X130
		180		1SCA101659R1001	OXS6X180
<b>IP64 handles (UL: Type 1, 3R, 12)</b>					
MS116, MS132, MS165, MS4xx	Padlockable max. 3 padlocks with bail diameter 5 ... 8 mm, door interlock in ON position defeatable, for use with 6 mm OXS6...types up to 180 mm or driver shafts MSOX.		Black	1SAM201920R1001	MSHD-LB <sup>1)</sup>
			Yellow	1SAM201920R1002	MSHD-LY <sup>1)</sup>
			Black	1SAM201920R1011	MSHD-LTB <sup>2)</sup>
			Yellow	1SAM201920R1012	MSHD-LTY <sup>2)</sup>
<b>Driver</b>					
MS116, MS132, MS165, MS4xx	Coupling driver for use with 6 mm OXS6... types up to 180 mm.			1SAM101923R0002	MSMN <sup>3)</sup>
				1SAM101923R0012	MSMNO <sup>4)</sup>
<b>Shaft alignment ring</b>					
MS116, MS132, MS165, MS4xx	The MSH-AR supports the long shafts for alignment to the handle inlet. It makes closing panel doors more easy. Use for OXS6X > 105 mm.			1SAM201920R1000	MSH-AR
<b>Shaft supporter</b>					
MS116, MS132	With the MSAH1 it is possible to support the shaft in the extension of handle (MSHD). It is mandatory for the usage of shafts >130 mm.			1SAM201909R1021	MSAH1

#### Note:

- 1) Indication I-O and ON-OFF (recommended for MS116, MS4xx)
  - 2) Indication I-O and ON-OFF + Trip indication
  - 3) Coded - Positioning of ON indication dependent from mounting orientation of the MMS
  - 4) Uncoded - Positioning of ON indication independent from mounting orientation of the MMS
- For full selection and technical details, please refer to main Manual motor starters catalogue 15BC100192C0206.

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\* MSAH1 fits to MS116 and MS132