

# Merz Non-UL Cam Changeover Switches 4 Hole Front Mount

[Z251-2.H08B](#)[W251-2.H08B](#)

Merz Non-UL Cam Changeover Switches - 4 Hole Front Mount					
Part Number	Price	Description	Rating (A)	Poles	Drawing Link
<a href="#"><u>Z251-2.H08B</u></a>	\$28.00	Non-UL changeover switches	25	2	<a href="#"><u>PDF</u></a>
<a href="#"><u>Z251-3.H08B</u></a>	\$34.50		25	3	<a href="#"><u>PDF</u></a>
<a href="#"><u>Z451-2.H08B</u></a>	\$39.50		32	2	<a href="#"><u>PDF</u></a>
<a href="#"><u>Z451-3.H08B</u></a>	\$51.00		32	3	<a href="#"><u>PDF</u></a>
<a href="#"><u>Z656-3.H09B</u></a>	\$93.00		80	3	<a href="#"><u>PDF</u></a>
<a href="#"><u>W251-2.H08B</u></a>	\$31.00	Non-UL reversing switches	25	2	<a href="#"><u>PDF</u></a>
<a href="#"><u>W251-3.H08B</u></a>	\$35.50		25	3	<a href="#"><u>PDF</u></a>
<a href="#"><u>W451-2.H08B</u></a>	\$51.00		32	2	<a href="#"><u>PDF</u></a>
<a href="#"><u>W451-3.H08B</u></a>	\$54.00		32	3	<a href="#"><u>PDF</u></a>

NOTE: Hardware for 4-hole door mounting and black operating handle included.

# Merz Non-UL Cam Changeover Switches

## Technical Characteristics

Characteristics According to CSA 22.2 No. 14-05				
Type	251	451	656	
<b>General Purpose 600VAC, 3-Phase</b>	25A	32A	80A	
<b>Motor 3-Phase</b>	<b>110/120 VAC</b>	3hp	7.5 hp	–
	<b>220/240 VAC</b>	7.5 hp	7.5 hp	25hp
	<b>440/480 VAC</b>	15hp	20hp	50hp
	<b>550/600 VAC</b>	20hp	20hp	50hp
<b>Motor 1-Phase 2-pole</b>	<b>110/120 VAC</b>	1.5 hp	–	7.5 hp
	<b>220/240 VAC</b>	3hp	3hp	15hp
	<b>440/480 VAC</b>	7.5 hp	10hp	15hp
	<b>550/600 VAC</b>	10hp	15hp	15hp
<b>Short-Circuit Rating at 600VAC (kA)</b>	5	5	5	
<b>Type of Fuse</b>	RK5	RK5	RK5	
<b>Max. Fuse Rating (A)</b>	60	60	60	
<b>Max. Surrounding Air Temperature (Open Type) (°C [°F])</b>	40 [104]	40 [104]	40 [104]	

Suitable for use on a circuit capable of delivering not more than 5kA rms symmetrical amperes, 600V maximum

Wire Type / Temperature – Use Copper (Cu) Wire Only, 75°C [167°F] or Higher			
Type	251	451	656
<b>Terminal cross section [AWG]</b>	14-8	14-6	14-4
<b>Single or multi-core [mm<sup>2</sup>]</b>	1-6	1.5-10	1.5-25
<b>Finely stranded with sleeve [mm<sup>2</sup>]</b>	1-4	1.5-6	1.5-16
<b>Stripping distance connector cable (mm [in])</b>	10 [0.39]	12 [0.47]	15 [0.59]
<b>Terminal screw torque (N•m [lb•ft])</b>	4.5 [40]	5.1 [45]	4.5 [40]

NOTE: Verify that all connections (including bridging link connections) are tightened to manufacturer's required torque before energization.

### Agency Approvals

CSA file #025483\_0\_000

NOTE: The controllers are suitable for use on a circuit capable of delivering not more than 5000 rms symmetrical amperes at 600VAC max when protected by a 60A Class RK5 fuse.

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.