

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 |
| Z251-2.H08B | \$21.00 | Non-UL changeover switches | 25 | 2 | PDF |
| Z251-3.H08B | \$26.00 | | 25 | 3 | PDF |
| Z451-2.H08B | \$29.50 | | 32 | 2 | PDF |
| Z451-3.H08B | \$38.50 | | 32 | 3 | PDF |
| Z656-3.H09B | \$69.00 | | 80 | 3 | PDF |
| W251-2.H08B | \$21.75 | Non-UL reversing switches | 25 | 2 | PDF |
| W251-3.H08B | \$25.00 | | 25 | 3 | PDF |
| W451-2.H08B | \$38.25 | | 32 | 2 | PDF |
| W451-3.H08B | \$40.25 | | 32 | 3 | PDF |

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 | |
| General Purpose 600VAC, 3-Phase | 25A | 32A | 80A | |
| Motor 3-Phase | 110/120 VAC | 3hp | 7.5 hp | – |
| | 220/240 VAC | 7.5 hp | 7.5 hp | 25hp |
| | 440/480 VAC | 15hp | 20hp | 50hp |
| | 550/600 VAC | 20hp | 20hp | 50hp |
| Motor 1-Phase 2-pole | 110/120 VAC | 1.5 hp | – | 7.5 hp |
| | 220/240 VAC | 3hp | 3hp | 15hp |
| | 440/480 VAC | 7.5 hp | 10hp | 15hp |
| | 550/600 VAC | 10hp | 15hp | 15hp |
| Short-Circuit Rating at 600VAC (kA) | 5 | 5 | 5 | |
| Type of Fuse | RK5 | RK5 | RK5 | |
| Max. Fuse Rating (A) | 60 | 60 | 60 | |
| Max. Surrounding Air Temperature (Open Type) (°C [°F]) | 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 |
| Terminal cross section [AWG] | 14-8 | 14-6 | 14-4 |
| Single or multi-core [mm²] | 1-6 | 1.5-10 | 1.5-25 |
| Finely stranded with sleeve [mm²] | 1-4 | 1.5-6 | 1.5-16 |
| Stripping distance connector cable (mm [in]) | 10 [0.39] | 12 [0.47] | 15 [0.59] |
| Terminal screw torque (N·m [lb·ft]) | 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.