

Barrier Terminal Strips

Single / Dual / Closed Side / Stacked - M81 and M82 Series



SPECIFICATIONS:

Material:

TB Series Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, Rated UL 94V-0

TD Series Insulator: Glass filled phenolic, Rated UL 94V-0

Terminals: Brass, tin plated

Screws: Steel, nickel plated

Hardware: Brass, tin plated

Electrical:

Operating voltage: 250 VAC max

Insulation resistance: 5000 MΩ min @ 1000 VDC between adjacent contacts (75°F and 50% R.H.)

Dielectric withstanding voltage: 1000 VAC min RMS (sea level)

Current rating: M810-01/02: 10 AMPS

M810-03/04/05/06/07: 15 AMPS

M820-01: 10 AMPS

M820-02: 20 AMPS

M820-03: 30 AMPS

Mechanical:

Wire Range: M810-01/02: 22 - 18 AWG

M810-03/05: 18 - 14 AWG

M810-04: 22 - 16 AWG

M810-06/07: 22 - 14 AWG

Environmental:

Operating temperature: -65°C to + 125°C

APPROVALS AND CERTIFICATIONS:

Select parts recognized under the component program of Underwriters Laboratories, Inc. No. E163941

Certified by Canadian Standards Association No. LR700747

Verband Deutscher Elektrotechniker (VDE)



PART NUMBER LEGEND

M810-XX-XX-XX-XX

HARDWARE OPTIONS

01-19, S1, S2

TERMINAL TYPE

- 1 = Straight PCB Tail
- 2 = Closed Side Entry PCB Tail
- 3 = Right Angle PCB Tail
- 4 = Cleft Terminal
- 5 = Turret Terminal
- 6 = Wire Wrap Terminal

END CONFIGURATION

- 0 = Barrier
- 1 = Mounting Ear

NUMBER OF POSITIONS

2 through 30

STYLE

- 01 = .250" Centerline Barrier Block
- 02 = .250" Closed Side Barrier Block
- 03 = .325" Centerline Barrier Block (Offset Tails)
- 04 = .325" Centerline Barrier Block (Centered Tails)
- 05 = .325" Closed Side Barrier Block
- 06 = .375" Centerline Barrier Block
- 07 = .375" Closed Side Barrier Block
- 08 = .325" Centerline Stacked Block

PART NUMBER LEGEND

M820-XX-XX-XX

HARDWARE OPTIONS

01 through 19

NUMBER OF POSITIONS

2 through 56

STYLE

- 01 = .375" Centerline Dual Row
- 02 = .433" Centerline Dual Row
- 03 = .551" Centerline Dual Row



North and South America:

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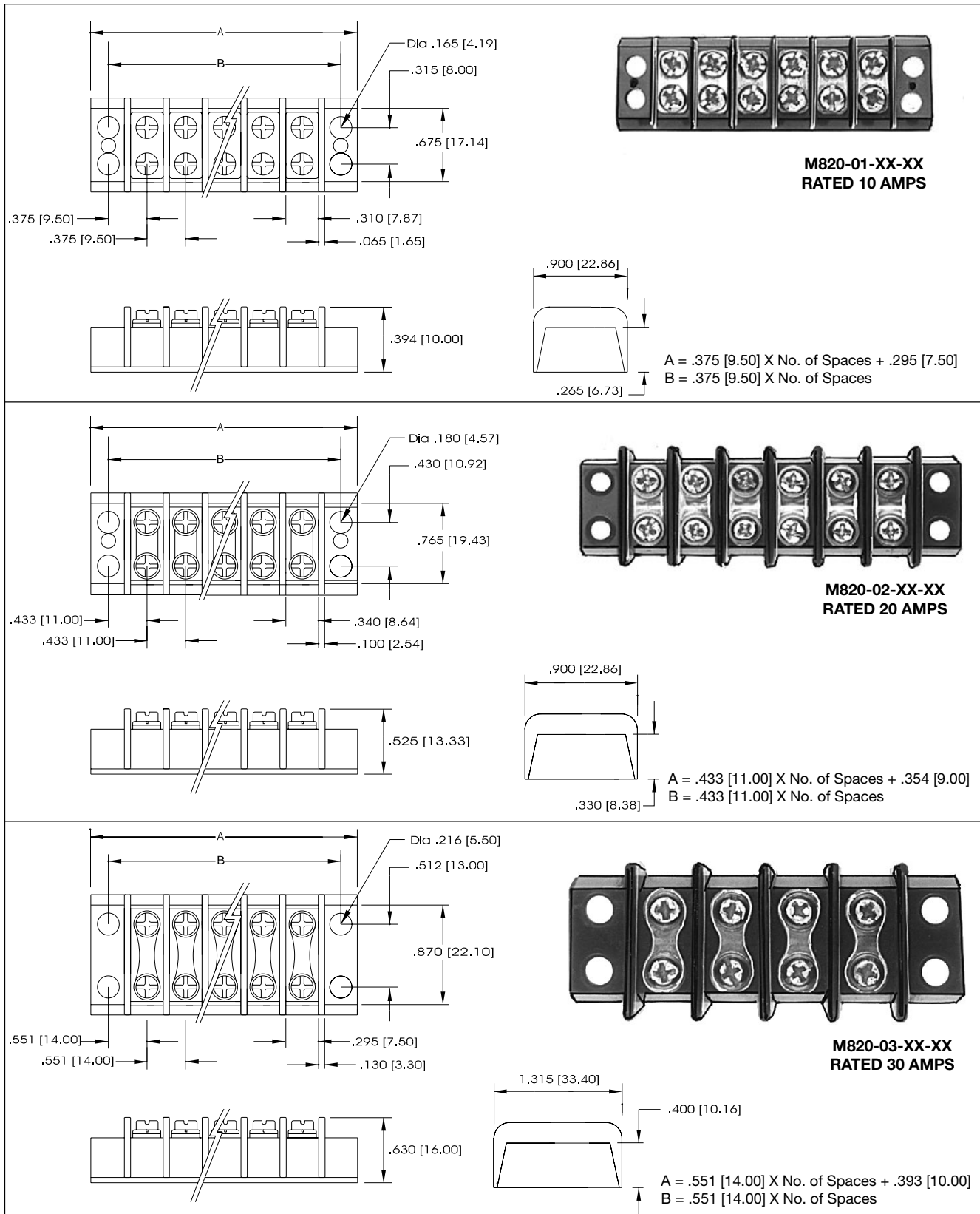
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Barrier Terminal Strips

Dual Row 10 Amp / 20 Amp / 30 Amp - M82 Series



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