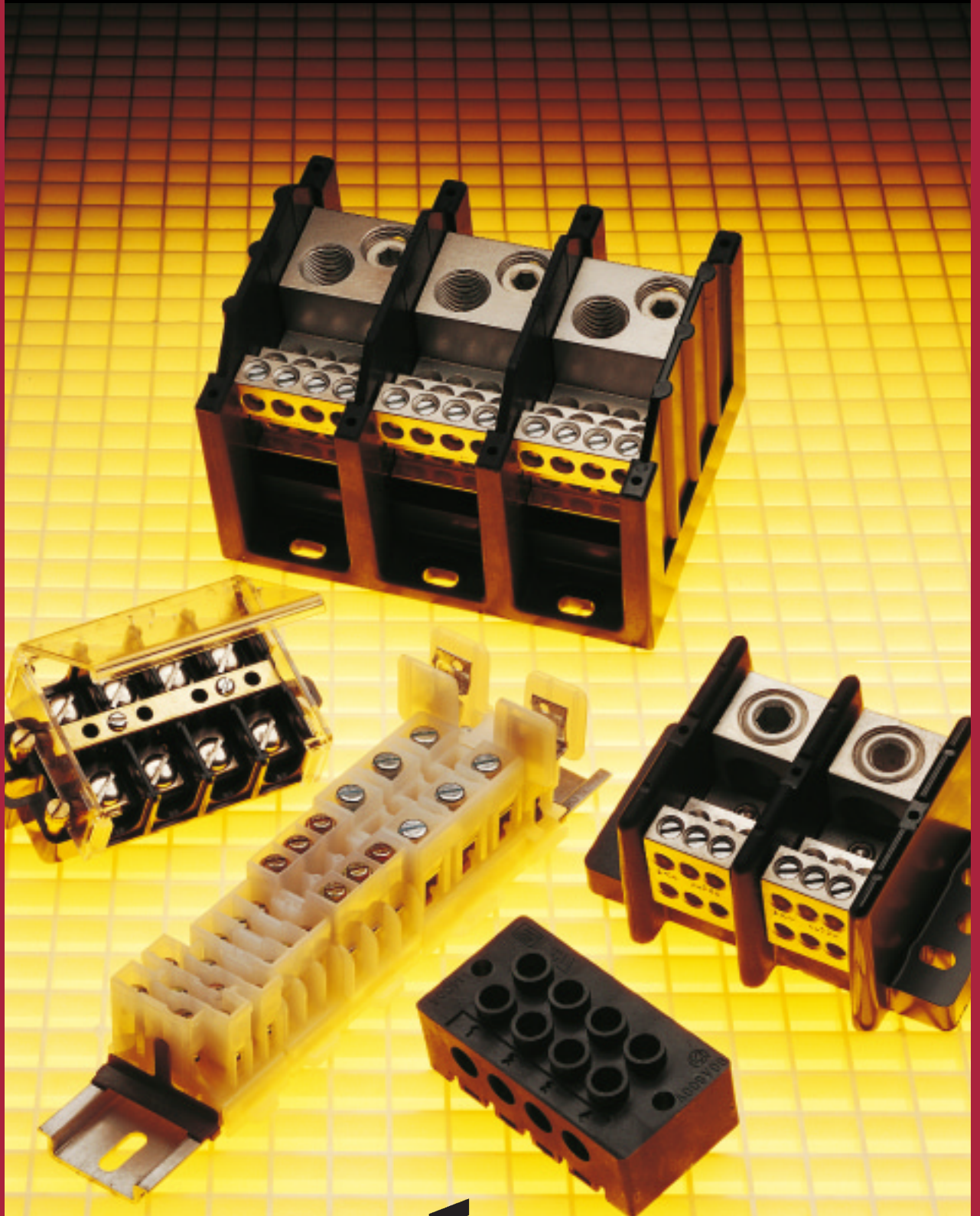


MAGNUM[®]

Electrical Products

Terminal Blocks / Distribution Blocks / Quick Connect Blocks / Disconnects



COOPER

Bussmann
Circuit Components

Bussmann Circuit Components

Bussmann Circuit Components has the most complete selection of barrier style terminal blocks in North America. The MAGNUM® brand pioneered the development of high barrier, unbreakable single-row terminal strips for electrical/electronic equipment. Accepted nationally, Magnum is a leader in the field of terminal blocks, boards or strips.

Molded of flexible, resilient thermoplastic which eliminates barrier and strip breakage and enables molding much longer strips for convenience and utility, it is lighter than thermoset phenolic. Rated at 94VO, it also offers higher dimensional accuracy, higher insulating quality and lower heat absorption during wave soldering.



Complementing its full electronic product line, BCC offers Double Row Terminal Blocks, which are one of the most widely used devices for terminating wires. Versatile and cost effective,

only a screwdriver is needed for installation, eliminating time consuming splicing. High density circuitry conserves panel space with a variety of termination styles. Increased insulation is provided to stop leakage and short circuits. In the field, the high costs of changes are reduced by simply rearranging wire. Other BCC terminal block products include junction blocks, power distribution blocks, sectional terminal blocks, 35mm DIN Rail terminal blocks, I/O connectors and MAGMASTER® interface systems.

The BCC design team is organized into three product areas: Terminal Blocks, Circuit Breakers and Custom Products. Thus, we concentrate our efforts on creative designs and practical solutions for customer needs. Our design engineers use state-of-the-art technology including advanced computer aided design techniques. Employing high-tech methods enables BCC to rapidly transform design ideas into working models, expedited by our in-house model shop. Prototypes are ready in weeks . . . not months.



BCC maintains a complete lab facility for performing UL, CSA & IEC qualification testing. This saves time and money by eliminating costly expenses and procedures involved in gaining approvals.

To keep in touch with ever-changing industry advances, BCC actively participates in respected industry organizations including NEMA, SAE, and UL. Our design engineers hold positions on several committees that influence the establishment of industry standards.

Quality parts are produced by employees with an average of 10 years' experience with BCC. Employees take great pride in their workmanship and the success of Bussmann Circuit Components. Their strong work ethic along with quality assembly equipment assures highly reliable products.

The BCC commitment to quality parts and service is apparent throughout the production process. Our comprehensive quality systems are based on the Total Quality Management philosophy. They start with conceptual design and encompass every functional area of BCC. Employee training, Continuous Quality Improvement Programs, Failure Mode Effects Analysis (FMEA), CP and Cpk statistical methods and the use of process and quality control documents such as SPC are all used. These systems measure both company and supplier activities providing the framework that ensures quality products. ISO 9000 Quality Standards are fully respected and current agency compliances include UL, CSA, VDE, IEC and SAE. BCC has been the recipient of several quality assurance certifications including the prestigious "Ford Q1" Award.



When searching for a solution to your electronic circuit protection or connection needs, you can rely on Bussmann Circuit Components.

Get Connected With Us.

Series NDN Rail Mount Terminal Blocks

35mm DIN Rail Compatible

High density design: Up to 48 circuits per foot

Clamping collar: Secures wires

Large, captive, wire-ready screws: Speeds assembly

Snap-on installation to DIN rail: Fast, easy assembly

Fully shielded construction: 600V spacings

Unique one-piece construction: Increases reliability

Thermoplastic moldings: Strong and impact resistant

Material: UL Recognized 94V-2 thermoplastic

Collars: Heat treated stainless steel

Terminals: Tin plated copper alloy

Screws: Zinc plated steel

Approvals: UL E62622; CSA LR15364;
CE Pending

NDNF1
Single pole
fuseholder accepts
13/32" x1-1/2"
fuses

NDN1/NDN111
Heavy-duty
90 Amp block

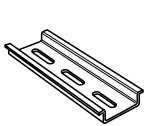
NDN63
Accepts wires larger
than standard
control circuits

NDN3
Space saving
3-pole unit

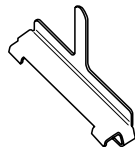
NDNV4
High Density
48 circuits per foot

NDNA200
Universal aluminum
35mm DIN mounting rail

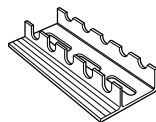
Series NDN Terminal Block Accessories



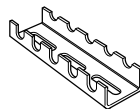
NDNA
35mm DIN rail
Aluminum
NDNA 100 1 meter
NDNA 200 2 meters



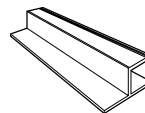
NDNAS
35mm DIN rail
End Stop



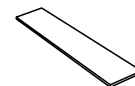
NFTA
C-rail
Aluminum
Lengths to 72"



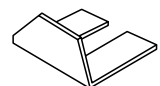
NRA
C-rail
Low profile
No flange
Aluminum
Lengths to 37-1/2"



SOA72
72" long
Stand-Off Channel
for C-rail



MARKING TAPE
See series
specifications



JUMPERS
See series
specifications

BIF document: 1400

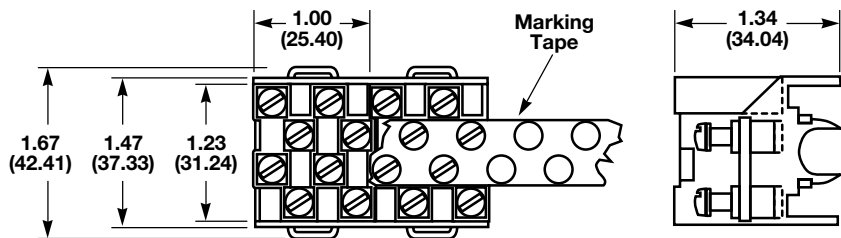


NDNV4

Inches (Millimeters)

SPECIFICATIONS

- Rating:** NDNV4 30A, 600V; UL/CSA
- Center spacing:** .250" (6.35)
- Number of poles:** 4
- Circuits per foot:** 48
- Circuit jumper:** JN4, 4 circuits
- Wire size:** AWG #10-22 CU
- Screw size:** #6-32
- Mounting options:** 35mm DIN rail, C-rail
- Marking tape:** MTC6
- Torque rating:** 18 in/lb max.
- Operating temperature:** 105°C

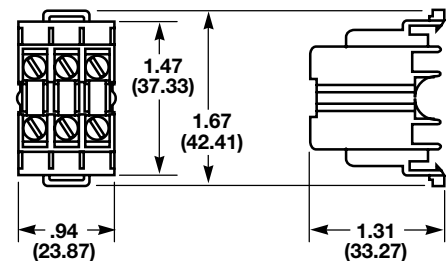


NDN3

Inches (Millimeters)

SPECIFICATIONS

- Rating:** 30A - field wiring; 40A - factory wiring
600V; UL/CSA
- Center spacing:** .300" (7.62)
- Number of poles:** 3
- Circuits per foot:** 38
- Circuit jumper:** JNDN3, 2 circuits
- Wire size:** AWG #10-22 CU
- Screw size:** #6-32
- Mounting options:** 35mm DIN rail, C-rail
- Marking tape:** MT12-1/2
- Torque rating:** 18 in/lb max.
- Operating temperature:** 105°C



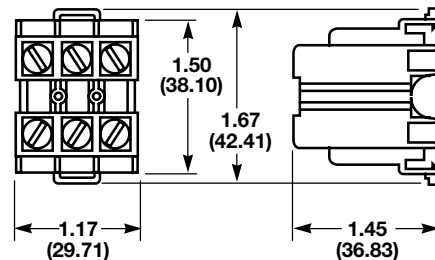
Rail Mount Terminal Blocks

NDN63

Inches (Millimeters)

SPECIFICATIONS

Rating: 65A, 600V; UL/CSA
Center spacing: .375" (9.52)
Number of poles: 3
Circuits per foot: 30
Circuit jumper: JN3, 2 circuits
Wire size: AWG #6-18 CU
Screw size: #10-32
Mounting options: 35mm DIN rail, C-rail
Marking tape: MT12-1/2
Torque rating: 35 in/lb max.
Operating temperature: 105°C

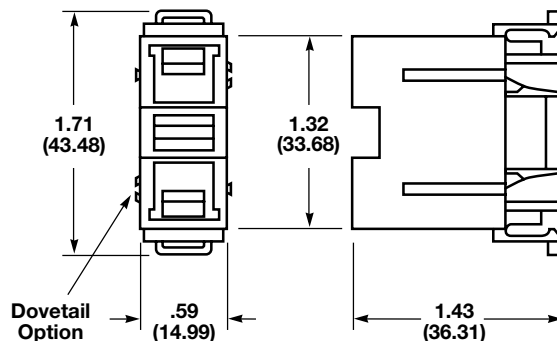


NDN1

Inches (Millimeters)

SPECIFICATIONS

Rating: 90A, 600V
Center spacing: .635" (16.13)
Number of poles: 1
Circuits per foot: 18
Wire size: AWG #2-18 CU
Screw size: 1/4-28
Mounting options: 35mm DIN rail, C-rail
 * Dove-tail option is available for mounting side-by-side. Order part no. NDN1-A.
Marking tape: MT12-1/2
Torque rating: 32 in/lb max.
Operating temperature: 105°C

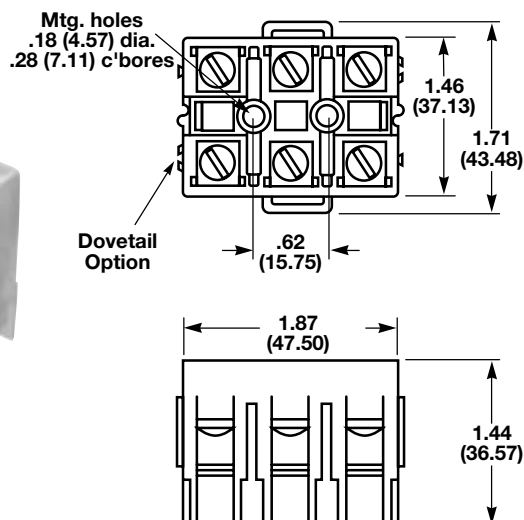


NDN111

Inches (Millimeters)

SPECIFICATIONS

Rating: 90A, 600V; UL/CSA
Center spacing: .635" (16.13)
Number of poles: 3
Circuits per foot: 18
Circuit jumper: JN1, 2 circuits
Wire size: AWG #2-18 CU
Screw size: 1/4-28
Mounting options: 35mm DIN rail, C-rail, Base Mount. * Dove tail option is available for mounting side-by-side. Order part no. NDN111-A.
Marking tape: MT12-1/2
Torque rating: 32 in/lb max.
Operating temperature: 105°C

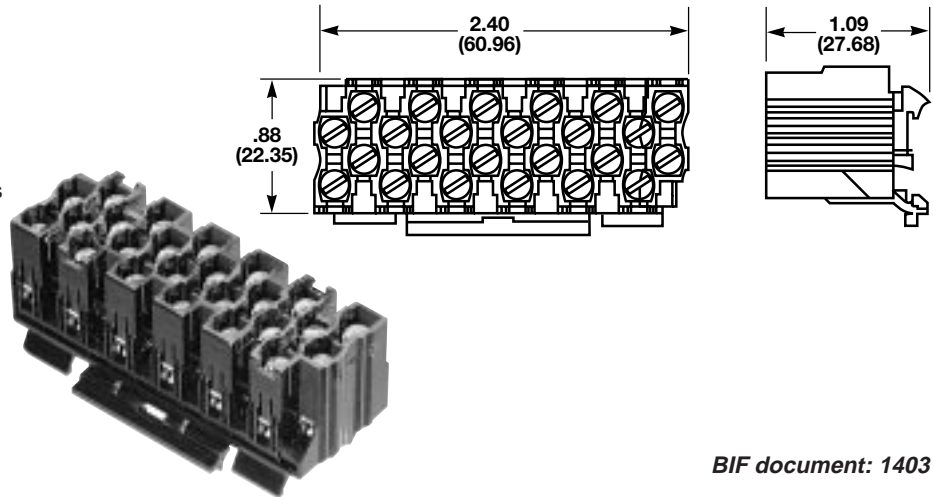


N512

Inches (Millimeters)

SPECIFICATIONS

Rating: 5A, 600V; UL/CSA
20A, 300V; UL/CSA
Center spacing: .197" (5.00)
Number of poles: 12
Circuits per foot: 60
Circuit jumper: JN512, 12 circuits
Wire size: AWG #12-22 CU
Screw size: #4-48
Mounting options: C-rail,
15mm DIN rail
Marking tape: AT512
Torque rating: 12 in/lb max.
Operating temperature: 105°C



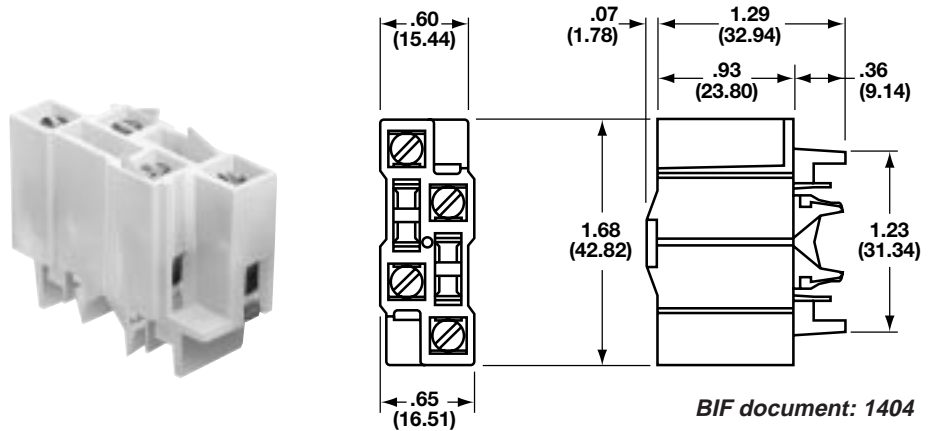
BIF document: 1403

NFT2

Inches (Millimeters)

SPECIFICATIONS

Rating: 40A, 600V; UL/CSA;
55A Factory Wired
Center spacing: .281" (7.13)
Number of poles: 2
Circuits per foot: 38
Circuit jumper: JN2, 2 circuits
Wire size: AWG #8-22 CU
Screw size: #8-32
Mounting options: C-rail
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C



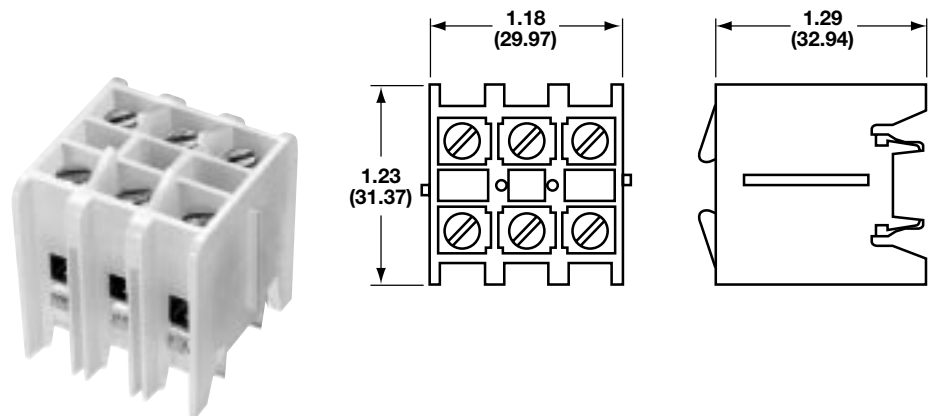
BIF document: 1404

NFT3

Inches (Millimeters)

SPECIFICATIONS

Rating: 40A, 600V; UL/CSA;
55A Factory Wired
Center spacing: .390" (9.91)
Number of poles: 3
Circuits per foot: 28
Circuit jumper: JN3, 2 circuits
Wire size: AWG #8-22 CU
Screw size: #8-32
Mounting options: C-rail
Marking tape: MT12-1/2
Torque rating: 18 in/lb max.
Operating temperature: 105°C



BIF document: 1405

