Simcona

Electronics Corporation™

"Driving Customer Success"

DRIVING CUSTOMER SUCCESS

SUPPORT THE CORPORATE CULTURE

PASSION
INTEGRITY
LOYALTY
COLLABORATE FOR SUCCESS
BE A FORWARD THINKER
CARING
RESPONSIBILITY
CREATIVITY
DELIVER ON EXPECTATIONS

Serving you with an understanding of electronics that's built on five decades of experience.

Founded in 1962, Simcona Electronics has become upstate New York's largest stocking distributor of electronic components, wire, cable and tubing, and data/voice communications products.

Serving customers throughout the Eastern United States, Simcona:

- Provides customer-focused solutions through a team of professional sales and technical representatives who understand your applications and your production challenges.
- Utilizes more than 85,000 square feet of office and warehouse facilities equipped with the latest inventory managements technologies
- Represents over 100 manufacturers, provides a wide range of value-added services, and is ISO 9001-2008 Certified.
- Remains privately owned, maintaining the flexibility to respond quickly to changes in products and the marketplace.

SOLUTIONS PROVIDER
- Trusted Partner
- Technical Expertise
- 170 years combined Wire & Cable service & experience

DELIVERY
- Multimillion dollar inventory
- VMI - providing Inventory Management Solutions
- 40,000 sq/foot warehouse

PRICE
- Custom cable capabilities
- Low minimums and quick turn-around times
- Competitive pricing

QUALITY
- ISO 9001-2008 Certified
- Warehouse ships with 99% accuracy
- Majority of products are made in the USA

ecia MEMBER   RoHS COMPLIANT

- A

3M
ACME
Adam Tech
Aeros USA
Altran
Alpha Wire
American Zettler
Amphenol / Bendix
Amphenol Corp. RF
Amphenol Industrial
Amphenol Spectra-Strip
Aries Electronics
Atkins + Pearse
Atlas Wire
AZ Displays

B - C

B-Line
BEI Sensors
Belden
Berquist
Berk-Tek
Brady USA
Bryant
Bud Industries
Bulgin
Bussman
Cable USA
Cardinal Components
Carling Technologies
Carlisle / Thermax
Carlon / T&B
Carol / General
Catamount / T&B
CCT Cable
Citel
Clarostat / Honeywell
Coast / ALPHA
Coleman / Copperfield / Southwire
Comchip
Concord Electronics
Contact Electronics / LAPP
Continental Cordage
Conxall
Crouzet

D - F

Dantona
Data Guide Cable
Datalogic
Dearborn Wire / Alpha
Delta Electronics
Draka Comteq
EasyBraid Co.
EAO / Secme
Eaton
ebm-papst
Electri-Cord
Electri-Flex
Electrocube
Electroswitch
Elmwood / Honeywell
Emerging Display Tech
Enerdoor
E-Switch
Essentra (Richco)
Feller Cords
FEMA Electronics
Ferrishield / Leadertech

G - J

General Cable (BICC) / Carol
Gowanda
Hammond
Hamsar
Hantronix
Harbour Industries
Hellerman Tyton
Helukabel
Heyco
Hilec / Delfingen
Hirschmann / Belden
Hitachi Cable
Hobbs / Honeywell
Hoffman
Honeywell S&PS
Honeywell / Clarostat
Honeywell / Elmwood
Honeywell / Microswitch
Honeywell / Sensym
Honeywell / Test & Measurement
Hubbell Premise
Ideal Tool
Indium
IDIS Global
International Components Corp.
ITW / Pancon
Johansson Dielectrics
Judd Wire / Sumitomo

K - L

Kalas
Keystone
Killark
Kolver USA
Kulka
Kycon
Lake Cable
LAPP USA / Olflex
Lorom
Lovato
Lumberg Automation / Belden
Lynn Electronics

M - P

Magnetek / Triad
Magnum
Mallory Sonalert Products
Manhattan / Alpha
Maple Systems
Marathon Special Products
Marinco
Mega
Mersen USA
MG Chemicals
Microswitch / Honeywell
Mill-Max
New England Wire Tech
Okonite
Old Castle Enclosure
Olflex Cable / LAPP
Optical Cable Corp.
Panduit
Penn Union
Pentair / Schroff
Power Dynamics
Power-Sonic
PUI Audio

R - Z

Quabbin
Qualtek
Quirk Wire
RAF
Rose Bopla
SAB
Samtec
Sealcon
Secme / EAO
Sensym / Honeywell
Sola HD
Southwire / AIW
Spectrum Custom Wire and
   Cable Manufacturing
Sprecher+Schuh
SSI Technologies
Sumitomo / Judd
Sumitube
Sunled
Sunon
Switchcraft
T&B Electrical
Tappan / Southwire
Therm-O-Link
Triad Magnetics
U.S. Sensor Corp.
Ultralife Batteries
Varflex
Video Insight
Volex
Wall Industries
Weco
Weidmüller
West Penn Wire
Wiegmann
Xymox
Zettler Magnetics
Zeus Incorporated

IP68 Rated Fans

Fans are often needed in applications that will be exposed to harsh environmental conditions such as extreme temperature variations, water, or dust. The electronics in ebm-papst's IP68 rated fans are encapsulated to ensure safe, reliable performance under just such conditions

ebmpapst

![Simcona Electronics Corporation logo]
Electronics Corporation
"Driving Customer Success"

Audible Signal Devices

International Components Corp.
Mallory
PUI / Audio

Bar Coding / Cable Markers

Brady USA

Batteries

Concord Electronics
Dantona
FDK
Keystone
Power-Sonic
Qualtek
Ultralife

Capacitors / Circuit Breaker

Bishop
Carling Technologies
Johansson Technology

Chemicals

MG Chemicals

Conduit

Aeros USA
Electriflex
LAPP

Connectors / Sockets

Adam Tech
American Zettler
Amphenol Industrial
Aries Electronics
Bryant
Bulgin
Concord Electronics
Contact Electronics
Conxall
Delta Electronics
ITW / Pancon
Keystone
Kycon
Marinco
Mega
Mill-Max
Panduit
Samtec
Sealcon
Switchcraft
T&B Electrical
Weco
Weidmüller

Cordsets

Alpha Wire
Electri-Cord
Feller Cords
Lumberg / Belden
Mega
Qualtek
Volex

Crystals / Oscillators

Cardinal Components

Displays

American Zettler
Emerging Display Tech
FEMA Electronics
Hantronix

EMI / RFI Products

Altran
Enerdoor
Ferrishield
Laird
MG Chemicals

Enclosures

Bud Industries
Hammond
Hoffman
Hubbell Premise
Killark
Old Castle
Pentair / Schroff
Phoenix Mecano
Rose Bopla
Sealcon
Thomas & Betts
Weidmüller
Wiegmann

ESD Products

3M
Laird

Fans / Motors / Blowers

Altran
Crouzet
ebm-papst
Keystone
Qualtek
Sunon

Ferrites

Ferrishield
Laird

Fiber Optics

Belden
Berk-Tek
General Cable (BICC)
Hitachi
Hubbell Premise
Optical Cable Corp.

Filters

Altran
Enerdoor
Qualtek

Fuse / Fuse Holders

Bulgin
Bussman
Keystone
Marathon Special Products
Mersen USA
Weidmüller

Hardware

3M
Aries Electronics
Brady USA
Bud Industries
Concord Electronics
Hollingsworth
Keystone
Mill-Max
Panduit
Pentair / Schroff
Raco
Richo
T&B Electrical

I/O Modules

Weidmuller

Industrial Products / Devices

Alpha Wire
Belden / Lumberg
Brady USA
Lapp USA
Pepperl + Fuchs
Sprecher + Schuh
Varflex
Weidmüller

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ecia MEMBER

RoHS COMPLIANT

Insulation / Sleeving

Alpha Wire Company
Atkins & Pearse
Delfingen
Qualtek
Sumitube
Zeus

Lamps / Indicators / LED's

Bryant
EAO / Secme
Hamsar
Keystone
Sunled
Sunbrite

Magnetics / Meters / Test Equipment

Altran
Gowanda
Hubbell Premise
Triad

Potentiometers

Honeywell

Power Strips

Aimtec
APC
Bryant
Hammond
Mega
Pentair / Schroff

Power Supplies

Aimtec
Crouzet Control
Eaton
MEGA
Pentair / Schroff
Qualtek
Sola Electric
Wall Industries
Weidmüller

Relays

American Zettler
Crouzet
Honeywell
Weidmüller

Sensors

Datalogic
Honeywell / Microswitch
Honeywell / Sensym
SSI Technologies

Surge Suppressors

APC
Citel
Hammond

Switches

Carling Technologies
Crouzet
EAO / Secme
E-Switch
Honeywell / Microswitch
Honeywell / Test & Measurement
Switchcraft

Terminal Blocks

Keystone
Magnum
Marathon Special Products
Weco
Weidmüller

Thermistors

Honeywell
US Sensor Corp.

Tie Wraps / Terminals / Ducts

Concord Electronics
Hellerman / Tyton
Keystone
Panduit
T&B Electrical

Tools

Amphenol
Contact Electronics / LAPP
Cooper Tools
Kolver USA
Panduit
T&B Electrical
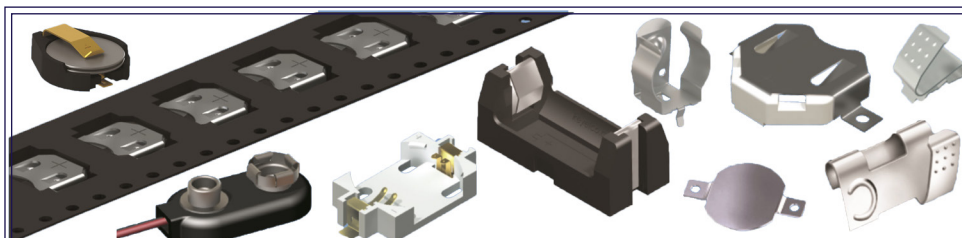Weidmüller

Tower Lights / Assembly

Data-Logic
Sprecher+Schuh

Transformers

ACME
Gowanda
Hammond
Sola HD
Triad Magnetics

Wire & Cable

Alpha Wire
Amphenol Spectra-Strip
Atlas Wire
Belden
Berk-Tek
Cable USA
Carlisle / Thermax
CCI Cable
Coast / ALPHA
Continental Cordage
Data Guide Cable
Electri-Cord
General Cable / Carol
Harbour Industries
Hitachi Cable
Lake Cable
LAPP USA / Olflex
Okonite
Optical Cable Corp.
Southwire / Coleman
Spectrum Cable
Therm-O-Link
Volex

Batteries

Keystone Electronics is a world-class designer and manufacturer of battery hardware products including contacts, clips, holders, retainers and straps for coin, button cell, cylindrical batteries, Lithium, Lithium-Ion and rechargeable chemistries with built-in PCB protection circuits.

DESIGNERS AND MANUFACTURERS

KEYSTONE
ELECTRONICS CORP.

Simcona
Electronics Corporation
"Driving Customer Success"

T&C

# - B	C - I	L - P	S - Z
Adtran	Carlon	L-Comm	Samsung
Advidia	CCT	Liebert	Seagate Technology
Allied Telesyn	Coleman Cable	Manhattan	Sharp Electronics
Alpha Wire Corp.	Cooper Tool	Microsoft	Southwire
APC	D-Link	Motorola / Symbol	Spectrum Cable
B-Line	Eaton	Nelson Firestop	T&B Electrical
Belden / CDT	Emerson Network	Omnitron Systems	Tii Technologies / Porta Systems
Belkin Components	General Cable	Panduit	Toshiba
Berk-Tek	Hammond	Paxton Access	Tripplite
Brady USA	Harbour Industries	Pentair / Schroff	Video Insight
Bud Industries	Hitachi America	Polycom	Viewsonic
	Hoffman	Regal Electronics	Western Digital
	Hubbell Premise		West Penn Wire
	Ideal Industries Inc.		
	IDIS Global		

COMMODITY

Input Devices
Graphics Tables
Joystick Game Pads
Keyboards
Mice & Trackballs
Scanners
Serial / Parallel Boards
USB / Firewire Devices

Memory & Processors
CPU Accelerators ETC
Memory Upgrades
Processors & Upgrade

Network Connectivity
Network Interf. Cards
Network Security
Routers & Components
Switches
Transceivers & MF&C
Web Servers & Devices
Wireless Network

Outside Plant
Fiber Optics
Copper Cable
Hardware

Power Protection
Line Conditioners
PDU's
Surge Suppressors
UPS Add-ons & Software
Uninterrupt Power Supplies

Premise Wire Components
Cross Connects
Face Plates
Fiber Optic Components
Jacks
Patch Panels

Printers & Plotters
Dot Matrix Printers
Ink-jet Printers
Laser & LED Printers
Multifunction Printers
Office Equipment
P/P Stands & Enclosures

Raceways
Cable Tray
Inner Duct
Ladder Rack
Surface

Racks
Cabinets
Enclosures
Open Racks
Wall Mounted

RF / Bar-coding
Bar-code Scanners
Labels
RFID Tags & Equipment
Software Solutions

Security Solutions
Cameras
Camera Housing
Card Access
DVRs
Monitors
NVRS
Intercoms
Software

Storage Devices
Autoloader / Libraries
CD-ROM Devices
DVD Drives & Media
Drive Cabinets Etc.
Drive Controllers
Flash Cards & Drivers
Floppy / Removable Disks
Hard Drives
Magneto Optical Drives
NAS CD/DVD Devices
NAS Hard Drive
San-Based Products
Tape Drive

Test Equipment
Cat5E Testers
Hand Held Testers
Fiber Testers
Probe & Test Sets

Tools
Crimpers
Fiber Optic
Punch Down
Stripping

Video Displays & Adapters
Anti-Glare / RAD Filters
KVM Switchboards
Monitors & Accessories
Projectors & Accessories
Terminals Video Adapters

Wire & Cable
Coax
Computer
Fiber Optics
Fire Alarm
Security
Sound
Telephone

Wireless
Access Points
Antennas & Accessories
Bridges
LAN
WAN

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RoHS COMPLIANT

A - C

Aeros USA
Alpha Wire
Amphenol Spectra-Strip
Atlas Wire
Atkins & Pearse
Belden
Berk-Tek
Cable USA
Carlisle / Thermax
Carol / General
Coast / Alpha
Coleman / Copperfield
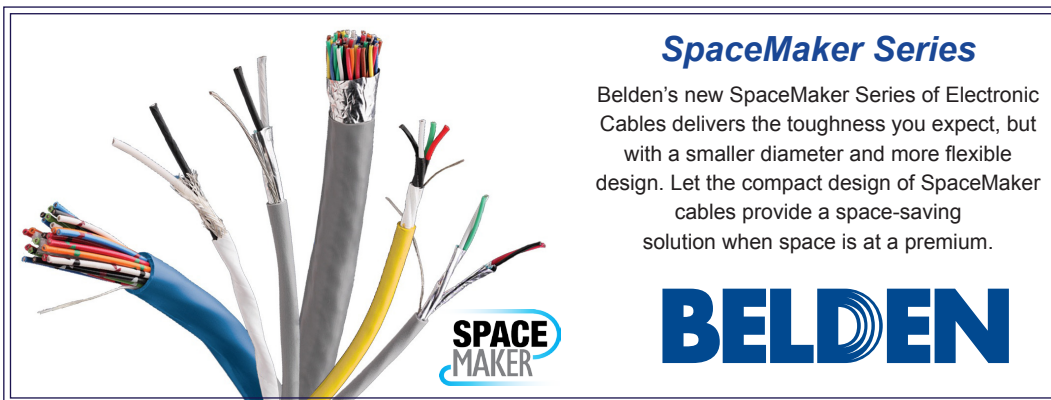Continental Cordage

D - I

Data Guide Cable
Dearborn Wire / Alpha
Delfingen / Hilec
Draka Comteq
Electri-Cord
Electri-Flex
General Cable (BICC) / Carol
Harbour Industries
Hellerman Tyton Shrinkable
    Shapes
Hitachi Cable

J - O

Judd Wire / Sumitomo
Kalas
Lake Cable
LAPP USA / Olflex
Lorom
Lumberg Automation / Belden
Manhattan / Alpha
Marinco
Mega
New England Wire Tech
Okonite
Optical Cable Corp.

P - Z

Panduit
Quabbin
Quirk Wire
SAB
Southwire / Coleman
Spectrum Cable Corp.
Sumitomo / Judd
Sumitube
Tappan / Southwire
Therm-O-Link
Varflex
Volex
West Penn Wire
Zeus Incorporated

SpaceMaker Series

Belden's new SpaceMaker Series of Electronic Cables delivers the toughness you expect, but with a smaller diameter and more flexible design. Let the compact design of SpaceMaker cables provide a space-saving solution when space is at a premium.

SPACE MAKER

BELDEN

Carling

Mini & Sub-Mini
Push Button
Rocker
Rotary
Toggle

Crouzet

Harsh Environment Switches
Limit Switches
Manually Operated Switches
Micro Switches
Proximity Switches & Sensors
Sealed Switches
Snap-action Switches

E-Switch

Anti-vanda
Detector
Dip
Key Lock
Navigation
Push Button
Rocker
Rotary & Rotary Dip
Slid
Snap-Action
Tact
Tilt
Toggle
Trigger

EAO Switch

Buzzer
Door-Opening
Emergency Stop (E-Stop)
Illuminated Push Button
Indicator
Key Lock
Lever Switch
Multi-Tone Sound Module
Mushroom-head Push Button
Potentiometer-drive
Push Button
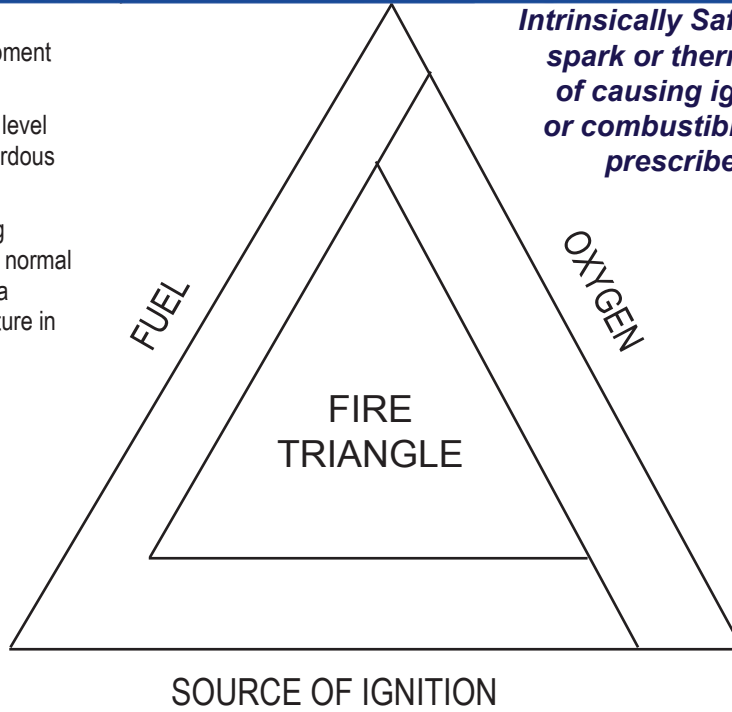Selector Switch
Stop Switch

Electroswitch

Illuminated Presslite
Power Switch
Push Button, Miniature
Rocker, Miniature
Rotary
Toggle, Miniature

Honeywell

Basic Switches
Hazardous Location
Key Lock
Limit Switches
Micro Switches
Pressure
Push Button
Rocker
Rotary
Safety Switch
Sealed Switches
Test & Measurement
Toggle
Vacuum

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What is Intrinsic Safety?

◊ Design technique applied to electrical equipment and wiring for hazardous locations

◊ Limiting energy, electrical and thermal, to a level below that required to ignite a specific hazardous atmospheric mixture

◊ Equipment shall not be capable of releasing sufficient electrical or thermal energy under normal or abnormal conditions to cause ignition of a flammable or combustible atmospheric mixture in its most easily ignitable concentration

Intrinsically Safe: a circuit in which any spark or thermal effect is incapable of causing ignition of a flammable or combustible material in air under prescribed test conditions.

Safety Symbol

FUEL

OXYGEN

FIRE TRIANGLE

SOURCE OF IGNITION

LINES

Aeros USA

Conduit
Fittings

Crouzet

Proximeters
Limits
RTD's

Eaton

Switches
Circuit Protection
Power Supplies

Honeywell

Proximeters
Limits
E-Stops
Pressures
RTD's

Killark

Lighting
Conduit
Unions
Enclosures

Pepperl+Fuchs

Barrier
HMI Displays
Purge Systems

Pepperl+Fuchs

Pressures

Weidmuller

Enclosures
Circuit Protection

CROUZET

Specialized Adapted Intuitive

Solutions for Your Unique Applications
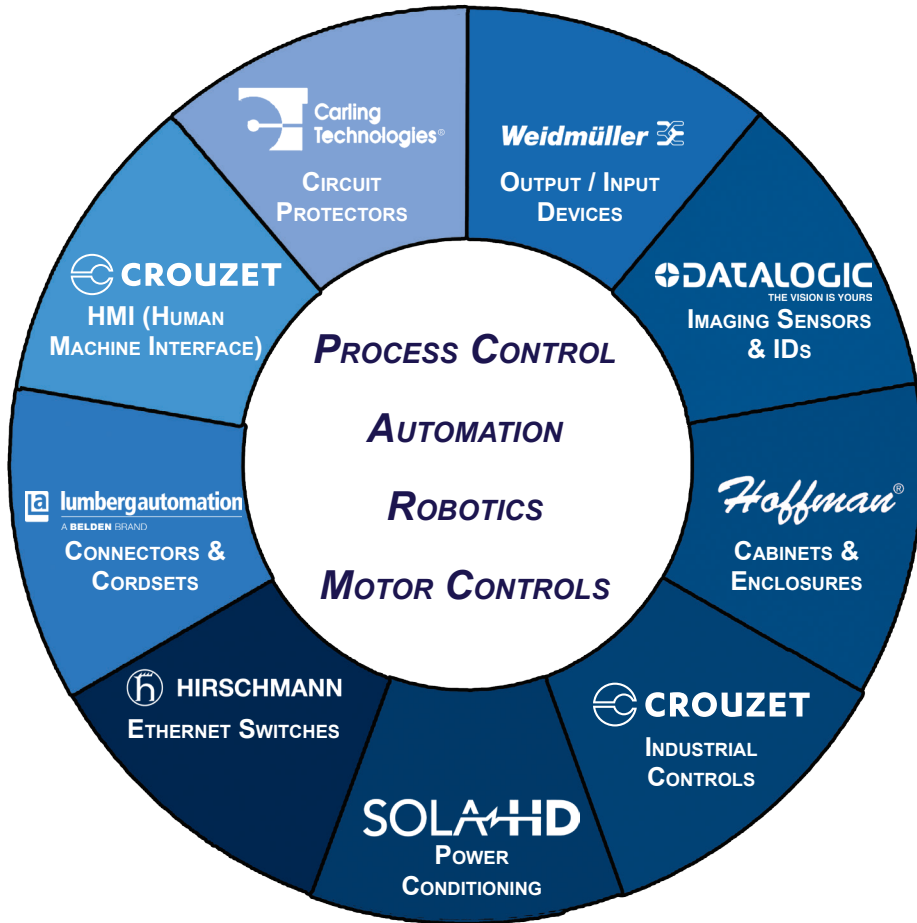
Automation & Control

Motion

Switches & Position Sensors

	Class I (Gases & Vapors)	Class II (Flammable Dust or Powder)	Class III (Flammable Fibers or Suspended Particles)
	In accordance with NEC 500.5 and CEC J18-004	In accordance with NEC500.5 and CEC 18-008	Divisions in accordance with NEC500.7 and CEC18-010
Division 1	Areas containing dangerous concentration of flammable gases, vapors or mist continuously or occasionally under normal operating conditions.	Areas containing dangerous concentrations of flammable dusts continuously or occasionally under normal operating conditions.	Areas containing dangerous concentrations of flammable fibers or suspended particles continuously or occasionally under normal operating conditions.
Division 2	Areas probably not containing dangerous concentrations of flammable gases, vapors or mist under normal operating conditions.	Areas probably not containing dangerous concentrations of flammable dusts under normal operating conditions.	Areas probably not containing dangerous concentrations of flammable fibers or suspended particles under normal operating conditions.

Zone 0	An area in which an explosive air/gas mixture is continuously present or present for long periods.
Zone 1	An area in which an explosive air/gas mixture is likely to occur in normal operations.
Zone 2	An area in which an explosive air/gas mixture is unlikely to occur; but, if it does, only for short periods of time.
Zone 20	An area in which a combustible dust cloud is part of the air permanently, over long periods of time or frequently.
Zone 21	An area in which a combustible dust cloud in air is likely to occur in normal operations.
Zone 22	An area in which a combustible dust cloud in air may occur briefly or during abnormal operation.

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Wheel diagram center: **PROCESS CONTROL · AUTOMATION · ROBOTICS · MOTOR CONTROLS**

Wheel segments:
- Carling Technologies — CIRCUIT PROTECTORS
- Weidmüller — OUTPUT / INPUT DEVICES
- Datalogic — IMAGING SENSORS & IDs
- Hoffman — CABINETS & ENCLOSURES
- Crouzet — INDUSTRIAL CONTROLS
- Sola HD — POWER CONDITIONING
- Hirschmann — ETHERNET SWITCHES
- Lumberg automation (A Belden Brand) — CONNECTORS & CORDSETS
- Crouzet — HMI (Human Machine Interface)

PLC's
Crouzet
Eaton
Sprecher+Schuh

Power Products
Crouzet
Pepperl+Fuchs
Sola HD
Wall Industries
Weidmüller

Sensors
Data-Logic
Honeywell / Microswitch
Honeywell / Sensym
SSI Technology

Terminal Blocks
Weidmüller

Thermistors
Honeywell
Sprecher+Schuh
US Sensor Corp.

Bar Coding
Brady USA

Circuit Breakers
Carling Technologies

Conduit
Aeros USA
Electri-Flex

Connectors / Sockets
Lumberg
Panduit
T&B Electrical
Weidmüller

Displays / HMI's
Crouzet
Maple Systems
Pepperl+Fuchs

Enclosures
Bud Industries
Hammond
Hoffman
Pentair / Schroff
Pepperl+Fuchs
Weidmüller

Fuse / Fuse Holders
Bussman
Sprecher+Schuh

ID Products
Brady USA

Safety Products
Data-Logic
Honeywell

Motor / Motor Control
Crouzet
Sprecher+Schuh

Tower Light / Assembly
Data-Logic
Sprecher+Schuh

Transformers
Sola HD

Wire & Cable
Belden
Helukabel
Hirschmann
LAPP USA
SAB
Spectrum Custom Wire and Cable, LLC

Wire Management
Panduit
T&B Electrical

Zenner Barriers
Pepperl+Fuchs

ecia MEMBER · RoHS COMPLIANT
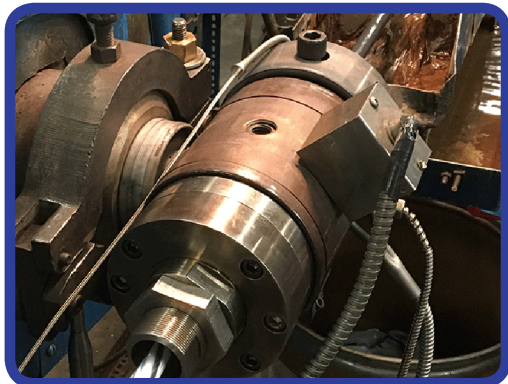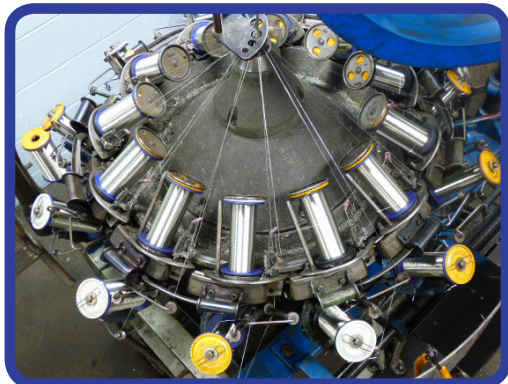
Spectrum Cable

A Simcona Company

Custom | Flexible | Personal Service

Spectrum Custom Wire and Cable Manufacturing, LLC manufactures different types of Wire & Cable to fit your specifications. We routinely make prototype constructions to industry standards and specifications (UL/CSA). If you need service, we have the attitude and the experience to provide it and the equipment and expertise to do it well.

UL Cable, Single Conductor & CSA Approvals

○ Specialty Cable House
○ Short Runs
○ Quick Turns

○ **AWG Sizes**
  • 28 to 4

○ **Pair and Conductor Count**
  • 1 to 100

○ **Voltage Rating**
  • 0-1000V   • UL   • CSA

○ **Striping & Number Coding Services Available**

○ **Jacket Materials**
  • PVC   • TPE   • FR-PU
  • PE   • PU   • LSZH-PO

○ **Insulation**
  • PVC   • TPE   • PE

○ **Custom Printing & Color Matching**

○ **Twisting | Pairing | Quadding**

○ **RoHS & REACH Compliant**

Simcona
Electronics Corporation™
"Driving Customer Success"

SIMCONA VERTICAL MARKETS

TRANSPORTATION

DEFENSE

MEDICAL

INDUSTRIAL

BELDEN · **CROUZET** · **ebmpapst** · *DESIGNERS AND MANUFACTURERS* **KEYSTONE** ELECTRONICS CORP.

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