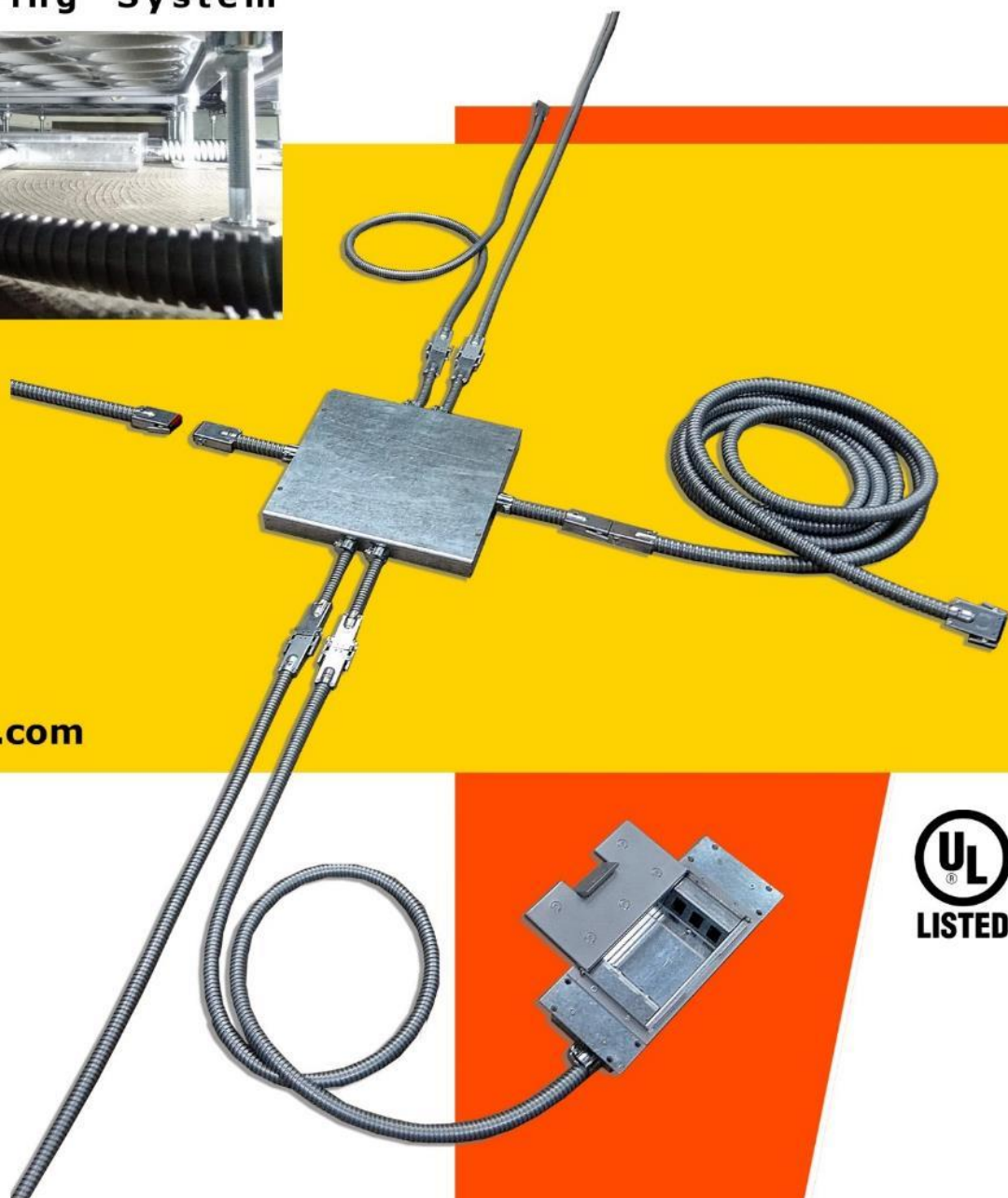


NETFLOOR®

ZoneTeq series

Modular Wiring System



www.zoneteq.com



Electrical Solutions at Maximum Efficiency

Plug & Play no sheathing stripping, no cutting at job site

ZoneTeq Modular Wiring System

ZoneTeq is an innovative modular wiring system (MWS) which offers pre-engineered, safer, and efficient solution for electrical installation. The pre-assembled Zone Boxes, Jumpers, floor boxes, wall-mount outlets, have largely eliminated sheathing stripping and cutting at job site.

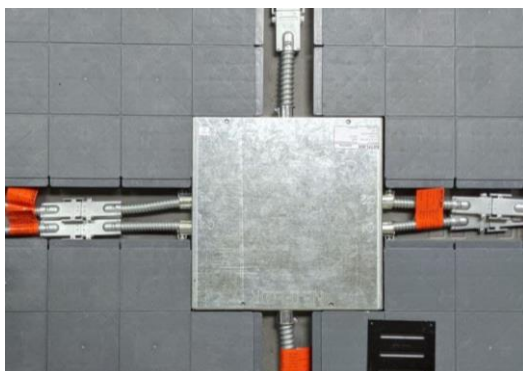
- **Efficient:** pre-assembled units of 4-circuits, 2-circuits, 1-circuit configuration, provides extraordinary labor-saving for connection, routing, and expansion.
- **Safety:** Eliminate cutting at job site. Minimize human error during and after installation.
- **Changeability:** Re-location, upsizing or downsizing in working spaces are matter of hours.
- **Environment-friendly:** all components are **100% re-usable**.
- **Cost saving:** (1) low initial costs (2) high changeability, 100% re-useable (3) **very-low relocation costs**, remove the system just “matter of unplug”.



ZoneTeq MWS distributes under low-profile access floor, and under conventional access floor as well.



Jumpers connect zone boxes, floor boxes, and boxes under access floor.



ZoneTeq MWS accommodates Netfloor ECO series low-profile access floors.

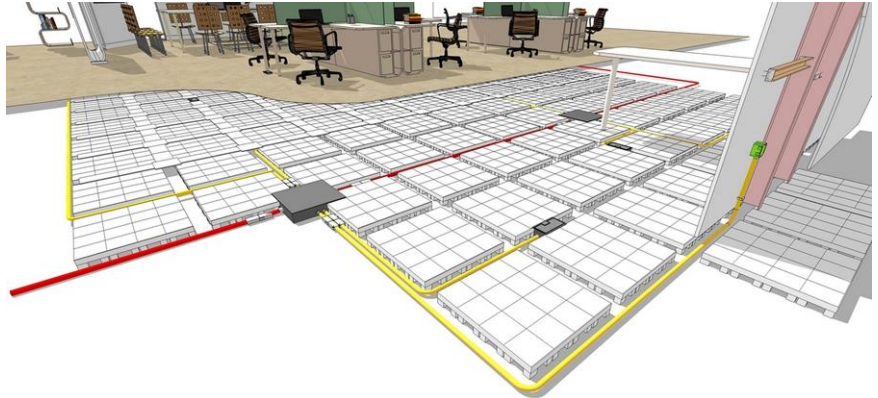


Complete range of floor boxes and wall-mount receptacles serving at user's points.

Applicable and Sustainable Solutions

Modern offices:

For contemporary modern offices, tens to hundreds of persons, ZoneTeq MWS provides instant, high-changeability, ability for quick expansion, re-organization,... at shortest time frame, efficient, and cost-effective.



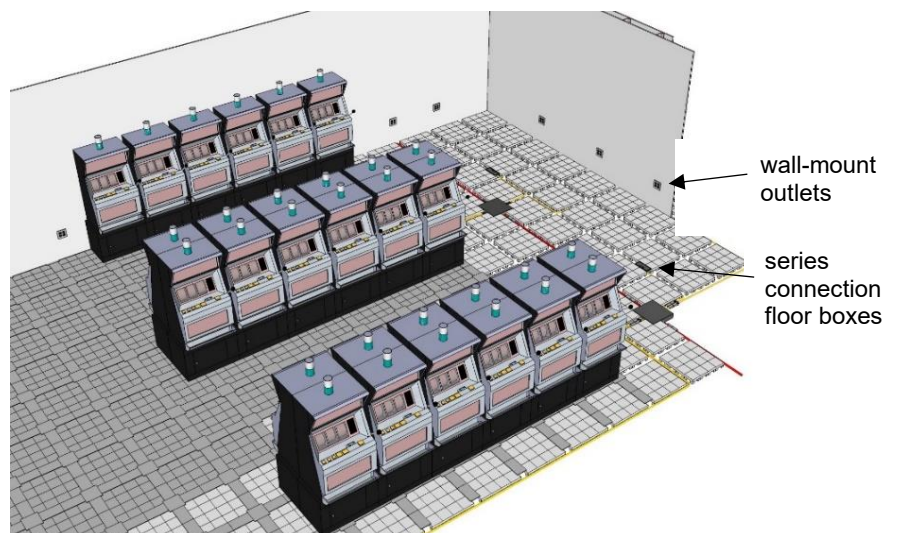
Education, Military, Public Services:

In training classrooms, conference rooms, public libraries, military units, and many of the public service centers, etc., where required high-density of power supply.



Recreational and Commercial:

Systematic, plug & play modular wiring is most suitable for using at modern facilities or equipment in environment of high-density deployment and using of series receptacles such as at casinos, fitness centers, game rooms, coffee shops, etc.



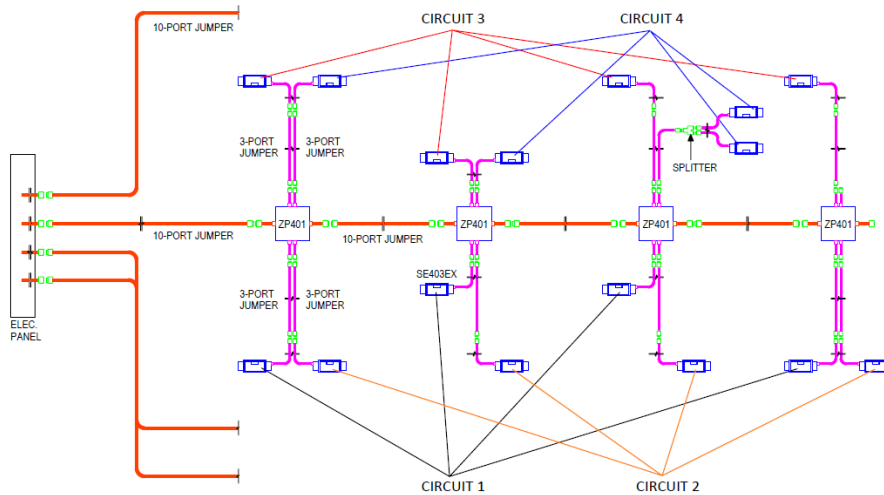
I. MODULARIZED CIRCUITS

ZoneTeq 4 Circuits, 2 circuits, 1 circuit

- ZoneTeq 4 circuits:** 4 live, 4 neutral and 2 ground modular wiring system. Follow electrical plan to set Zone Boxes' location. The connection of ZoneTeq can be started from electrical panel, or from beginning of access floor.

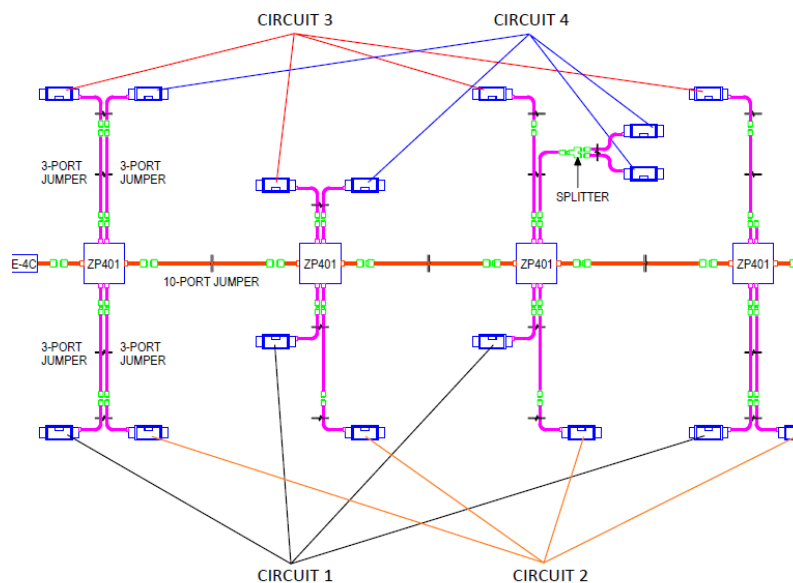
1A: Install Power Entry (ZPJ-10PFE) at electrical panel.

- Connect 10 wires **ZPJ-10PFE** inside electrical panel
- Connect 4 circuit Jumper onto Power Entry, to extend to Zone Box (ZP401)



1B: Install Power Entry (ZPE-4C) at beginning of Access Floor

- Run 9 wires (4 circuits) from electrical panel to beginning of access floor.
- Install the 4 circuit at ZPE-4C, to establish 4 circuits, distribute through ZP401

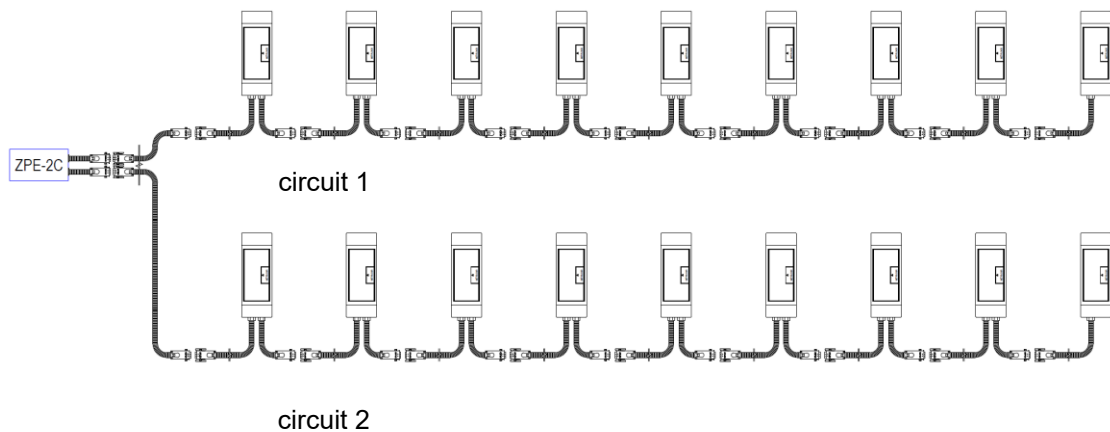


2. ZoneTeq 2-circuits: 2 live, 2 neutral and 1 ground from electrical panel.

Follow ZoneTeq electrical plan to deploy SE403EXT floor boxes.

There are 3 steps of installation.

- (1): Run 2 circuits from electrical panel to beginning of access floor.
- (2) Install the 2 circuits at Power Entry ZPE-2C at beginning of access floor.
- (3) Series connection of floor box SE403EXT per electrical plan of each circuit.

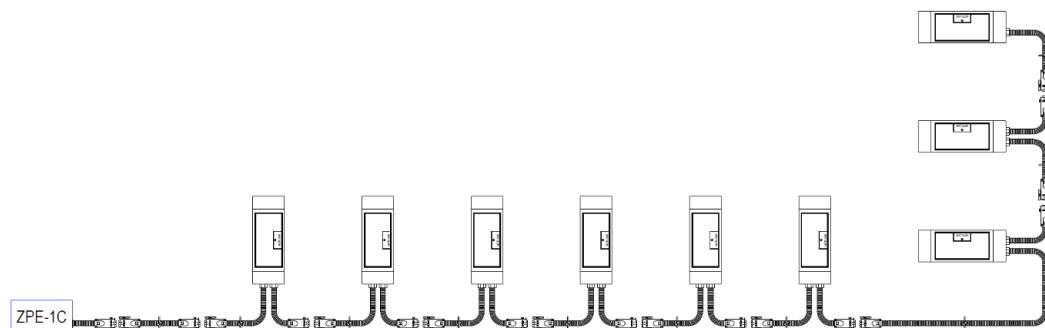


3. ZoneTeq 1-circuit: 1 live, 1 neutral and 1 ground modular wiring system.

Follow ZoneTeq electrical plan to deploy SE403EXT floor boxes.

There are 3 steps of installation.

- (1) Run 1 from electrical panel to beginning of access floor.
- (2) Install the 1 circuit at Power Entry ZPE-1C at beginning of access floor.
- (3) Series connection of floor box SE403EXT per electrical plan.



II POWER ENTRY

1. “Power-Entry” starts from the Electric Panel

Run cables from electrical panel as beginning of ZoneTeq systems

1A: install Power Entry (ZPJ-10PFE) at electrical panel





Each Power Entry ZPJ10-PFE is 4 circuits whip, with a female connector for connecting to 4 circuits jumper. The example below is for a large office space, which installed with 4 Power Entry, to wiring 16 circuits.

4 circuits whip



There are 4 Live, 4 Neutral, 2 grounds 12AWG wires to install in electrical panel

each wire labeled with circuit and sequence

			
Example: electrical Box installed with 16 breakers	4 X ZPJ10-PFE Installed onto breakers 16 circuits in series,	tagged series # of circuit aside each breaker	4 circuits jumpers connection

1B: install Power Entry (ZPJ-3PFE-F) at electrical panel

Each Power Entry ZPJ-3PFE is 1 circuit whip, with a female connector for connecting to 1 circuit jumper starting from electrical panel.

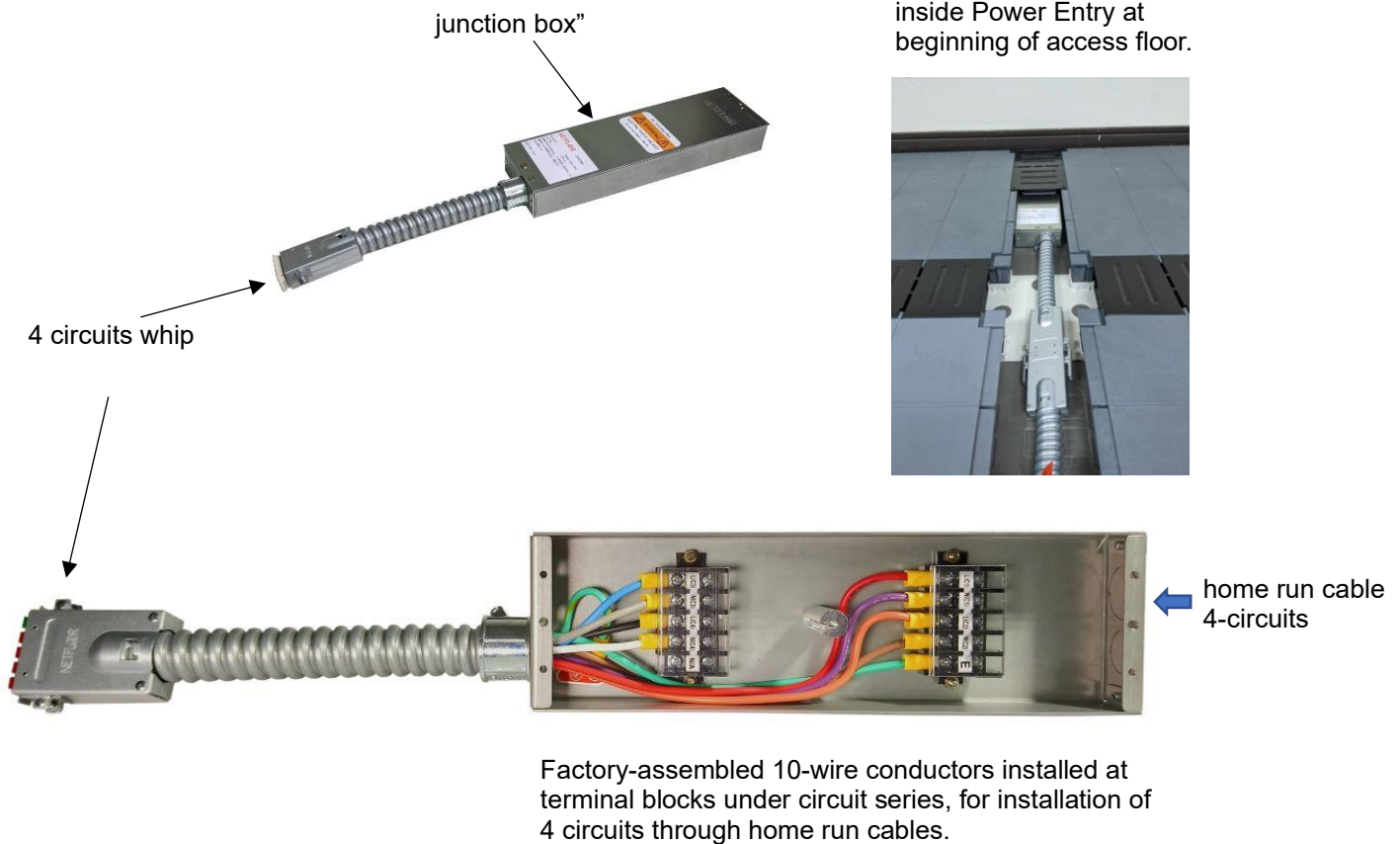


2. “Power-Entry” starts at beginning of access floor

Run cables from electrical panel to access floor as beginning of ZoneTeq systems.

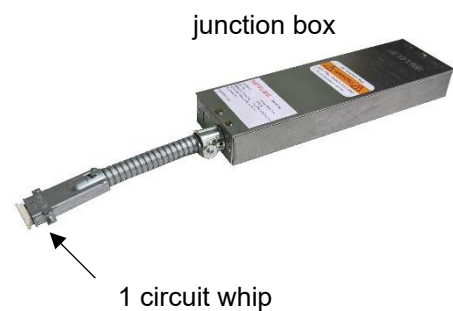
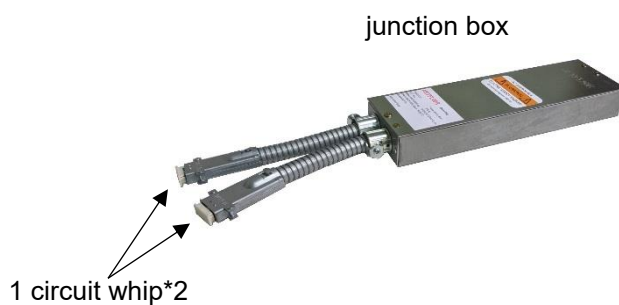
The Power Entries are available for 4 circuits (ZPE-4C), 2 circuits (ZPE-2C), and 1 circuit (ZPE-1C). The electrician to establish the circuit/circuits in accordance with circuit number remarked on the terminal blocks in the junction box.

2A: Four Circuits Power Entry (ZPE-4C)



2B: Two Circuits Power Entry (ZPE-2C)

2C: One Circuit Power Entry: (ZPE-1C)



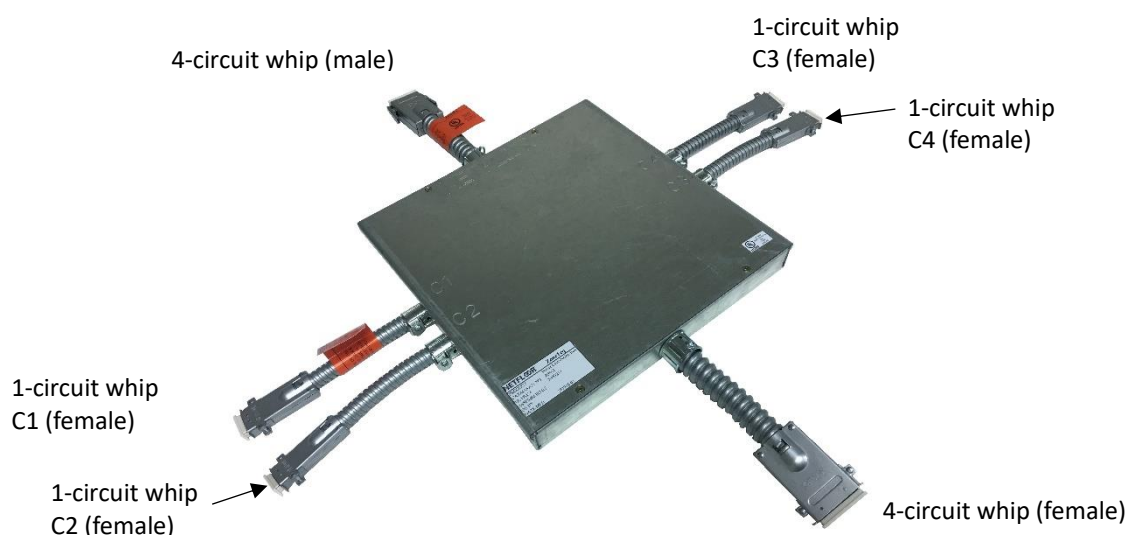
III POWER DISTRIBUTION

Distribute power from “Power Entry” by means of Zone Boxes and Jumpers.
Connection and extension of Zone Boxes and Jumpers are matter of plug & play.
There is no cutting, nor sheathing during whole process of connection and extension.

1. 4-circuits to 1-circuit distribution box (Zone Box) (ZP401)

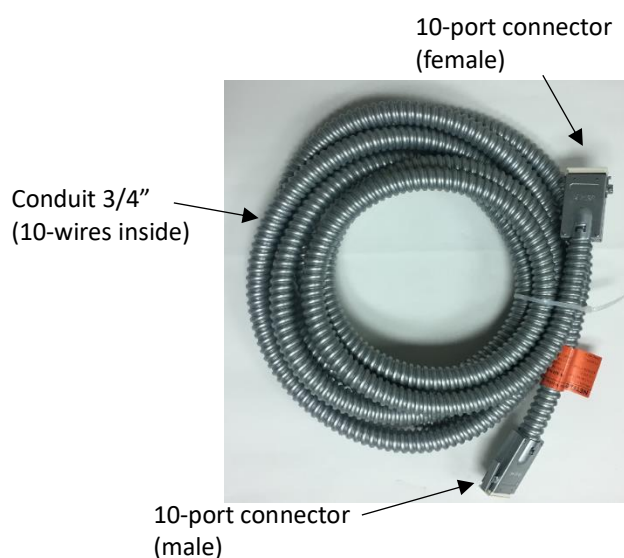
1A: 4-circuit male and female connector: Plug 4 circuit jumper to serial every Zone Box.

1B: 1-circuit female connector (C1 to C4): Plug 1-circuit jumper to electrical points



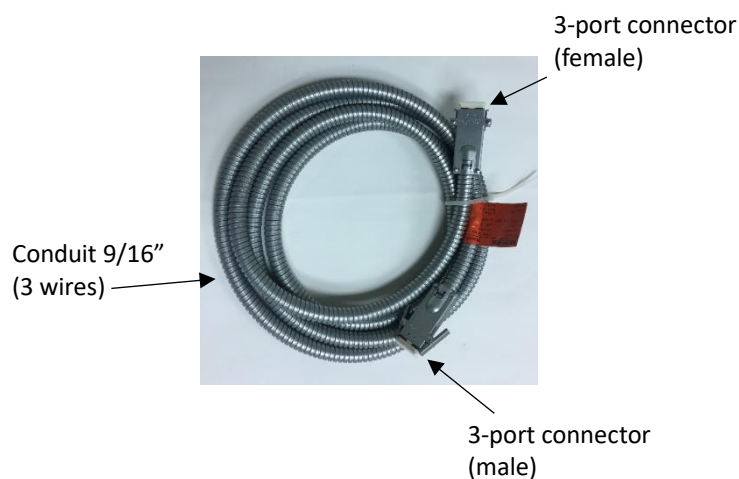
2: 4-circuit Jumper

Connect 4-circuit female whip, extend power to next Zone Box.



3: 1-circuit Jumper

connect 1-circuit whip (C1, C2, C3, C4) of Zone Box, to run power to floor boxes, wall-mount receptacles.



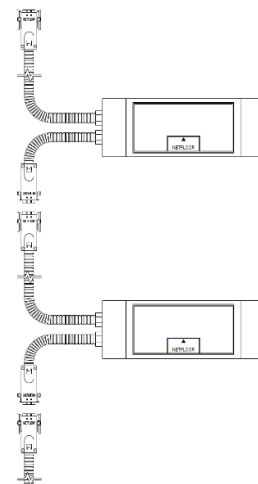
IV ELECTRICAL POINTS 120V 20A Floor and Wall-Mount Boxes

1. SE403EX: floor box with jumper (duplex receptacle)



SE403EXT
series connection

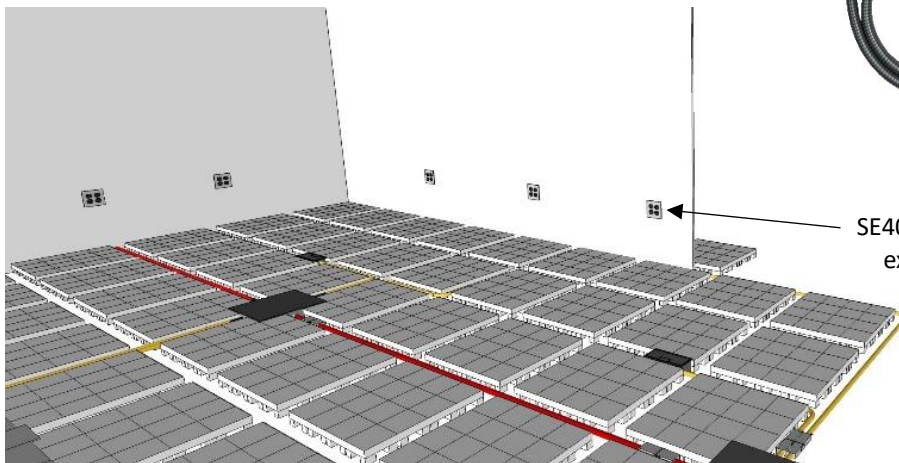
2. SE403EXT: Series connection floor box (duplex receptacle, male & female connectors)



3. SE403EXP-6R/4R: 3-gang or 2-gang floor boxes with jumper




4. SE403DX-4R/2R: 2-gang or 1-gang wall outlet with jumper





SE403DX (two duplex /one duplex)
extended from access floor
onto wall


V PRODUCTS SPECIFICATION


1. POWER ENTRY

ZPJ-10PFE 	DESCRIPTION	
	Connector	10-port female connector
	Circuit	4
	Conduit Fitting	trade size 3/4"(21mm)
	Electrical wire	stranded wire*10 (4L/4N/2E)
	Total length	6.15 ft (1.87m)
	Wire length	5.24 ft (1.6m)
	Set location	electrical panel
	UL Listed	E487237

ZPJ-3PFE-F 		
	Connector	3-port female connector
	Circuit	1
	Conduit Fitting	trade size 1/2"(16mm)
	Electrical wire	stranded wire*3 (1L/1N/1E)
	Total length	6.15 ft (1.87m)
	Wire length	5.24 ft (1.6m)
	Set location	electrical panel
	UL Listed	E487237

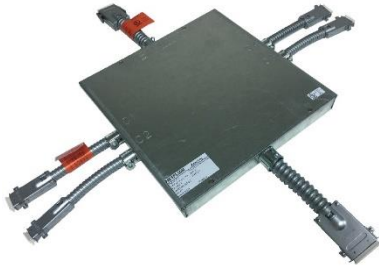
ZPE-4C 	Connector:	10-port female connector
	Circuit:	4
	Connection method	barrier terminals block *2
	Knockout(sides)	1*1/2" & 1*3/4" (1*16 & 1*21mm)
	Box Dimension	W: 3.4" L: 11.6" H: 1.57"(88*296*40 mm)
	Set location	beginning of access floor
	UL testing	assembled of UL listed components

ZPE-2C 	Connector:	two 3-port female connector
	Connection method	barrier terminals block *1
	Knockout (sides)	1*1/2" & 1*3/4" (1*16 & 1*21mm)
	Box Dimension	W: 3.4" L: 11.6" H: 1.57"(88*296*40 mm)
	Set location	beginning of access floor
	UL testing	assembled of UL listed components

ZPE-1C 	Connector:	One 3-port female connector
	Connection method	barrier terminals block *1
	Knockout (sides)	1*1/2" & 1*3/4" (1*16 & 1*21mm)
	Box Dimension	W: 3.4" L: 11.6" H: 1.57"(88*296*40 mm)
	Set location	beginning of access floor
	UL testing	assembled of UL listed components

2. POWER DISTRIBUTION

ZONE BOX **ZP401**



Connector:	10-port male connector *1 10-port female connector *1 3-port female connector *4
Circuit:	10-port 4 circuits / 3-port 1 circuit
Dimension	W: 30.7" L: 30.7" H: 1.57" (780*780*40 mm)
UL Listed	E487237

JUMPER **ZPJ-10P**



Connector:	10-port female and male connector
Circuit:	4 circuits
Conduit:	3/4" (20mm)
Electrical wire	10
UL Listed	E487237
ZPJ-10P20	20 ft, (6.09M)
ZPJ-10P12	12 ft, (3.65M)
ZPJ-10P06	6 ft, (1.82M)
ZPJ-10P03	3 ft, (0.91M)

JUMPER **ZPJ-3P**




Connector:	3-port female and male connector
Circuit:	1
Conduit:	9/16" (14mm)
Electrical wire	3
UL Listed	E487237
length and weight:	
ZPJ-3P12	12 ft(3.65M)
ZPJ-3P06	6 ft (1.82M)


SPLITTER **ZPS402**





Connector:	3-port male & two 3-port female
Circuit:	1
Description	distribute 1 port to 2 port
Dimension	W: 3.9" L: 4.1" H: 0.5" (100*105*13 mm)
UL Listed	E487237

3. ELECTRICAL POINT BOXES

SE403EX 	Connector:	3-port male connector
	Conduit:	9/16 inch (14mm)
	Whip length:	5.36 ft (1.63m)
	Box Dimension	12.59"x4.52"x1.57"(320 x 115 x 40mm)
	Receptacle	duplex receptacle, 120V/20A
	Keystone jack	3
	UL Listed	E487237

SE403EXT 	Connector:	3-port male/female connector
	Conduit:	9/16 inch (14mm)
	Whip length:	male 5.36 ft (1.63m), 1.64 ft(0.5m)
	Box Dimension	12.59"x4.52"x1.57"(320 x 115 x 40mm)
	Receptacle	Duplex receptacle, 120V/20A
	Keystone jack	3
	UL testing	assembled of UL listed components

SE403EXP-6R&4R2J 	Connector:	3-port male connector
	Conduit:	9/16 inch (14mm)
	Whip length:	5.36 ft (1.63m)
	Box Dimension	8.74"x9.8"x1.57"(222 x 250 x 40 mm)
	Face plate	Receptacle*6 or Receptacle*4 & Key stone*2
	Receptacle	Duplex receptacle, 120V/20A
	UL testing	assembled of UL listed components

SE703EXP-4R4J 	Connector:	3-port male connector
	Conduit:	9/16 inch (14mm)
	Whip length:	5.36 ft (1.63m)
	Box Dimension	8.74"x9.8"x2.75"(222 x 250 x 70 mm)
	Face plate	duplex receptacle*4, face plate for data port
	Receptacle	Duplex receptacle, 120V/20A
	UL testing	assembled of UL listed components

4. BOX FOR BS / EC / US

SS603EX, SS603EX-BS



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Whip length:	5.36 ft (1.63m)
Box Dimension	12.59"x4.52"x2.36"(320 x 115 x 60mm)
Power Sockets	240V 13A for BS, 250V 16A for EC, 120V 20A for US

SE803EXP-4R4J



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Whip length:	5.36 ft (1.63m)
Box Dimension	7.87"x9.13"x3.15"(200 x 232 x 80 mm)
Power Socket	240V 13A for BS, 250V 16A for EC, 120V 20A for US

SE60EX, SE60EX-BS, SE60EX-EC



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Whip length:	5.36 ft (1.63m)
Box Dimension	9.9"x8.66"x2.36"(252 x 220 x 60 mm)
Power Socket	240V 13A for BS, 250V 16A for EC, 120V 20A for US

5. WALL-MOUNT RECEPTACLES

SE403DX



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Whip length:	5.36 ft (1.63m)
Box Dimension	4" x 4" x 1-1/2"
Receptacle	duplex receptacle, 120V/20A
UL testing	E521206

SE403DX-2D



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Whip length:	5.36 ft (1.63m)
Box Dimension	4" x 4" x 1-1/2 inch
Covers	Raised 1/2"
Receptacle	duplex receptacle*2, 120V/20A
UL testing	E521206

6. FREE END TO DESKTOP, FACILITIES, OR WALL RECEPTACLES

ZPJ-3PFE



Connector:	3-port male connector
Conduit:	9/16 inch (14mm)
Conduit Fitting :	trade size 1/2" (16mm)
Electrical wire	3
Total length:	6.15 ft (1.87m)
Wire length:	3.28 ft (1.0m)
UL Listed	E487237

Specifications

Systems:	ZoneTeq Modular Wiring System
Manufacturer:	Netfloor, Inc.
Wire Gage:	12 AWG copper wire.
Conduit:	flexible metal conduit, Galvanized steel.
Power:	240/120V 20Amp
Country of Origin:	Taiwan
UL listed	E487237.
Warranty:	5 years limited warranty.

In pursuing continuous product improvement, the manufacturer reserves the right to amend specifications without prior notice.

www.zoneteq.com



a product division of Netfloor, Inc.
www.netfloor.com

June. 15, 2021