

# **LINKOSITY**<sup>®</sup> Pre-Manufactured, Flexible, Plug and Play Wiring System



# Pre-Manufactured, Flexible, Plug and Play Wiring System

## Markets:

- Food processing
- Factory Automation
- Conveyor systems
- Heavy industrial environments
- Rooftop HVAC systems
- Road signage power

Install or move wiring connections in a fraction of the time it takes to wire or rewire with traditional wiring methods.

- Turn key, preassembled products
- Use in conjunction with motor disconnects, switches, and power distribution boxes.

LINKOSITY® power and control systems are modular plug and play wiring methods that enable fast installation when compared to traditional wiring methods. These pre-wired, pre-configured assemblies offer high electrical performance of 3A to 30A systems up to 600V AC.

Major advantages of LINKOSITY® is that cable set lengths can be pre-designed for specific floor layouts and installed in much less time than it takes for an electrician to hard wire that same layout. LINKOSITY® can also be reused to fit alternate floor layouts.



## Cable Assemblies

For permanent installations the UL Listed LINKOSITY® cable assemblies incorporate a tray rated cable (Type TC) that carries a UL Type “ER” rating for open wiring that has the crush and impact resistance of metal-clad (Type MC) cable. For temporary installations the same LINKOSITY™ cable assemblies also have a Type STOOW cord rating. For industrial machinery, the LINKOSITY® cable assemblies are rated Type MTW.

This blend of critical performance characteristics makes LINKOSITY® cable assemblies code compliant with the NEC and NFPA 79, and suitable for use in virtually any environment as either a permanent or temporary installation.



## Receptacles

The UL Listed LINKOSITY® male inlets or female receptacles provide the capability of interfacing directly with facility wiring by simply mounting into established fixed enclosures.



## Tees and Pass-thrus

The UL Listed LINKOSITY® tees and pass-thrus are a means of quickly effecting a high quality tap from a feeder or multi-wire branch circuit.






## Closure Caps

Protects unused devices from the harmful effects of harsh environments.












# Pre-Manufactured, Flexible, Plug and Play Wiring System

## LINKOSITY® - Cables and Receptacles

















Device Type	Ratings	Wires	Conductor Colors**	Length (FT)					
 <p><b>PH</b> = Double Ended Cable with Male/Female Straight  <b>PM</b> = Male Single Ended Straight  <b>PN</b> = Male Single Ended 90°  <b>PF</b> = Female Single Ended Straight  <b>PG</b> = Female Single Ended 90°  <b>PQ</b> = Double Ended Cable with Female 90°  <b>PR</b> = Double Ended Cable with Male 90°  <b>PS</b> = Double Ended Cable with (2) 90° Connectors</p>  <p><b>RF</b> = Female Receptacle*</p>  <p><b>RM</b> = Male Receptacle (Inlet)*</p>	<b>Power Components</b> <b>20</b> = 20A up to 600V  <b>23</b> = 20A up to 600V Specialty construction (Includes IG on 6 wire and #10 AWG super neutral conductor on 5 and 6 wire devices, PB color code only)  <b>30</b> = 30A up to 600V	<b>02</b> <b>03</b> <b>04</b> <b>05</b>	<b>PA</b> = Green/Yellow Black (all others)	<b>001</b> = 1' <b>005</b> = 5' <b>010</b> = 10' <b>015</b> = 15' <b>020</b> = 20' <b>025</b> = 25' <b>030</b> = 30' <b>035</b> = 35' <b>040</b> = 40' <b>045</b> = 45' <b>050</b> = 50'					
					<b>Control Integration Components</b> <b>03</b> = 3A - 2W, 4W up to 300V  <b>R3</b> = 3A - 2W, 3W, 4W up to 300V  <b>10</b> = 10A - 2W, 3W, 4W, 5W, 6W, 7W, 8W, 9W, 7A - 10W, 12W up to 600V	<b>02</b> <b>04</b>  <b>02</b> <b>03</b> <b>04</b>  <b>02</b> <b>03</b> <b>04</b> <b>05</b> <b>06</b> <b>07</b> <b>08</b> <b>09</b> <b>10</b> <b>12</b>	<b>PB</b> = Green/Yellow White Black (all others)	<b>PE</b> = All Blue***	
									Example: <b>PH</b>

Note: \*1/2" NPT rear thread.  
 \*\*Other color codes available upon request.  
 \*\*\*Two wire only.

## Configurations (Male face view shown, female view is opposite)

<b>20 AMP</b>				
<b>20A SNIG</b> (with super neutral and IG)				
<b>30 AMP</b>				

## Configurations (Male face view shown, female view is opposite)

<b>03</b>	  	Typically used for inputs in DC control circuits
<b>R3*</b>	  	Typically used for outputs in DC control circuits
<b>10</b>	         	

Note: \*Reverse key.



# LINKOSITY® Pre-Manufactured, Flexible, Plug and Play Wiring System

**HUBBELL®**  
Wiring Device-Kellems

## Power System Distribution Assemblies

- Available with up to 5 receptacles, wide variety of NEMA receptacle types
- LINKOSITY® power pass through option
- Fed with LINKOSITY® power cable and receptacle
- 16 gauge sheet metal enclosure ANSI 61 gray powder coat NEMA 1
- Device identification marking
- Versatile mounting provision
- Local or master switch



## Straight Blade - UL Type 1

Device Type	Switch Types	# Recept.	Receptacle Type	Receptacle Feature	Pass-thru	Custom Configurations*
<b>M</b>	<b>SL</b> = Switch Local	<b>1</b>	<b>SG</b> = Spec Grade <b>HG</b> = Hospital Grade <b>CR</b> = Corrosion Resistant	<b>IG</b> = Isolated Ground <b>GF</b> = Ground Fault <b>SS</b> = Surge Suppression <b>00</b> = Standard	<b>P</b> = Pass-thru** <b>0</b> = No Pass-thru	<b>D</b> = 2 Circuit <b>A</b> = A Phase <b>B</b> = B Phase <b>C</b> = C Phase
	<b>SM</b> = Switch Master	<b>2</b>				
	<b>00</b> = No Switch	<b>3</b>				
		<b>4</b>				
		<b>5</b>				

**Example: M SL 1 SG 00 P**

## Twist-Lock® - UL Type 1

Device Type	Switch Types	# Recept.	Receptacle Type	Receptacle Feature	Pass-thru	Custom Configurations*
<b>M</b>	<b>SL</b> = Switch Local	<b>1</b>	<b>L1</b> = 15A <b>L2</b> = 20A	<b>IG</b> = Isolated Ground <b>00</b> = Standard	<b>P</b> = Pass-thru <b>0</b> = No Pass-thru	<b>6</b> = 250V
	<b>SM</b> = Switch Master	<b>2</b>				
	<b>00</b> = No Switch	<b>3</b>				
		<b>4</b>				
		<b>5</b>				

**Example: M 00 3 L1 IG 0**

*Note: Local switches control all receptacles in a box. Master switches control local and downstream receptacles.*

*Consult factory for alternate wiring schemes.*

*\*Consult factory for wiring specifications and connecting cables.*

*\*\*Pass-thru on phase tap boxes are 3Ø.*

## LINKOSITY® UL Type 3R and 4X Rated Assemblies

- Available with switch, ground fault, corrosion resistant or isolated ground receptacle types
- LINKOSITY® power pass through option
- Fed with LINKOSITY® power cable and receptacle
- UL Type 3R and 4X Rated
- Device identification marking
- Versatile mounting provision



**HUBBELL®**  
Wiring Device-Kellems

[hubbell.com/wiringdevice-kellems/en](http://hubbell.com/wiringdevice-kellems/en)

