PASS & SEYMOUR®

"LE" Series 30, 60 & 100 Amp Pin & Sleeve Plugs and Connectors



LE560C6WNPT7A

Power You Can Depend On

The "LE" Series of Pin & Sleeve Plugs and Connectors have been specifically designed for use in Data Centers, Server Farms and so much more. These devices are designed for manufacturability and assembly efficiency. Multiple options for conductor entry are offered. The design also includes spring-loaded covers, locking rings, and neoprene gaskets, so everything from water to dirt is shut out of the electrical system.

PRELIMINARY

Features & Benefits

- **Legrand Pin & Sleeve products** provide installation ease, enduring performance in harsh conditions, and guaranteed IEC 60309 compatibility.
- **Arrives ready to wire, with cord grip open and cable-ready.** Terminal screws come backed out and ready to wire.
- **Impact resistant thermoplastic construction** and corrosion-resistant fasteners.
- **Nickel-plated pins and sleeves** provide corrosion resistance without sacrificing electrical conductivity.
- **Locking ring with an integral neoprene gasket** provides watertight seal when plug and connector/receptacle are mated.
- **Rubber grommet** provides watertight protection at cable entry.
- **Combination-head screws** for added convenience and quick installation.
- **Patented body with cord grip fitting** accepts cords ranging from 15 to 37 mm and ½, ¾, 1, 1 ¼, 1 ½ and 2 inch NPT fittings accept conduit, MC cable, and wire mesh fittings.
- **Cover with integral neoprene gasket** provides watertight seal.
- **Connector lid** opens up to 160 degrees.

Vertical Markets

- **Data Centers**
- **Server Farms**
- **OEM**
- **Entertainment**
- **Temporary Power**
- **Transportation**
- **Manufacturing**
- **Food and Beverage**
- **Construction**
- **Warehouse**
- **Farms**
- **Factories**

Compliance

cULus Listed and UL Classified
UL Standard UL1682
IEC Standard 60309
IP 67 and IP 44

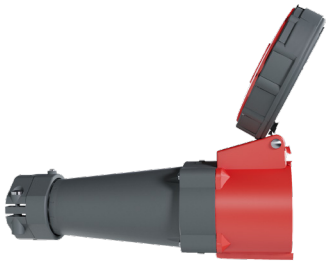
Technical Information

Performance	
Electrical	
Dielectric Withstand Voltage	3000V maximum
Maximum Working Voltage	600 VAC
Voltage Range	200 VAC to 500 VAC
Amperage Range	30 Amp, 60 Amp, and 100 Amp
Current Interrupting	Certified for current interrupting at full-rated current
Endurance	30 Amp and 60 Amp: 2000 cycles with full rated current and voltage applied on every other cycle
Mechanical	
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 60309, rated for copper conductors only
Cord Accommodation	Round portable service cords, 15 to 37 mm in diameter. ½, ¾, 1, 1 ¼, 1 ½ & 2 inch NPT conduit and wire mesh fittings accepting cords or conduit
Product Identification	Identification and ratings are labeled on the device housing
Environmental	
Operating Temperature	+80˚C maximum continuous -50˚C minimum without impact
Temperature Rise	Maximum 30˚C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Moisture Resistance	Per IEC 60309
Flammability	Contact with live parts: V2 or V0 Enclosure: HB or better per UL94
UV Resistance	Per UL 94
Material Specs	
Body, Housing, Cover	Polyamide and PBT
Cover Spring	Stainless Steel
Gaskets	Neoprene
Contact Carrier	Polyamide
Pins and Sleeves	Nickel Plate (Note 1)
Terminal Screws	Zinc Plated Steel
Cord Grip	PBT
Grommet	Synthetic Rubber
Cord Grip Screws	Stainless Steel
Assembly Screws	Stainless Steel

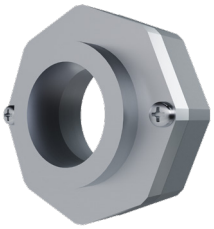
Warranty: 1 year



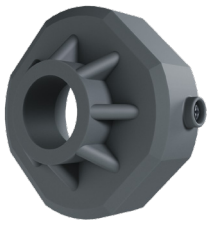
1" NPT Liquidtight Fitting



Cord Clamp



LENPT1A
Pin & Sleeve Accessory



LENPT5V
Pin & Sleeve Accessory

Ordering Information

Amperage	Pole & Wire Count	Pole Configurations		Voltage	Clocking Position	Wire Retention	Plug	Connector	Compatible Products	
		Receptacle/ Connector	Plug/ Inlet						Receptacle	Inlet
30A	3P4W			3ø 480	7	Cord Clamp	LE430P7W	LE430C7W	PS430R7W	—
	3P4W			3ø 250	9	Cord Clamp	LE430P9W	LE430C9W	PS430R9W	—
	4P5W			200/346 240/415	6	Cord Clamp	LE530P6W	LE530C6W	PS530R6W	—
	4P5W			3øY 277/480	7	Cord Clamp	LE530P7W	LE530C7W	PS530R7W	—
	2P3W			250	6	1/2" Aluminum NPT	LE330P6WNPT5A	LE330C6WNPT5A	PS330R6W	—
	3P4W			3ø 480	7	1/2" Aluminum NPT	LE430P7WNPT5A	LE430C7WNPT5A	PS430R7W	—
	3P4W			3ø 480	7	3/4" Aluminum NPT	LE430P7WNPT7A	LE430C7WNPT7A	PS430R7W	—
	3P4W			3ø 250	9	1/2" Aluminum NPT	LE430P9WNPT5A	LE430C9WNPT5A	PS430R9W	—
	3P4W			3ø 250	9	3/4" Aluminum NPT	LE430P9WNPT7A	LE430C9WNPT7A	PS430R9W	—
	3P4W			125/250	12	3/4" Aluminum NPT	LE430P12WNPT7A	LE430C12WNPT7A	PS430R12W	—
	4P5W			200/346 240/415	6	1/2" Aluminum NPT	LE530P6WNPT5A	LE530C6WNPT5A	PS530R6W	—
	4P5W			200/346 240/415	6	3/4" Aluminum NPT	LE530P6WNPT7A	LE530C6WNPT7A	PS530R6W	—
	4P5W			3øY 277/480	7	1/2" Aluminum NPT	LE530P7WNPT5A	LE530C7WNPT5A	PS530R7W	—
	4P5W			3øY 277/480	7	3/4" Aluminum NPT	LE530P7WNPT7A	LE530C7WNPT7A	PS530R7W	—
60A	2P3W			250	6	Cord Clamp	LE360P6W	LE360C6W	PS360R6W	PS360B6W
	2P3W			480	7	Cord Clamp	—	LE360C7W	PS360R7W	PS360B7W
	3P4W			3ø 480	7	Cord Clamp	LE460P7W	LE460C7W	PS460R7W	PS460B7W
	3P4W			3ø 250	9	Cord Clamp	LE460P9W	LE460C9W	PS460R9W	PS460B9W
	4P5W			200/346 240/415	6	Cord Clamp	LE560P6W	LE560C6W	PS560R6W	PS560B6W
	4P5W			3øY 277/480	7	Cord Clamp	LE560P7W	LE560C7W	PS560R7W	PS560B7W
	2P3W			250	6	3/4" Aluminum NPT	LE360P6WNPT7A	LE360C6WNPT7A	PS360R6W	PS360B6W
	3P4W			380/415	6	3/4" Aluminum NPT	LE460P6WNPT7A	LE460C6WNPT7A	PS460R6W	PS460B6W
	3P4W			3ø 480	7	3/4" Aluminum NPT	LE460P7WNPT7A	LE460C7WNPT7A	PS460R7W	PS460B7W
	3P4W			3ø 250	9	3/4" Aluminum NPT	LE460P9WNPT7A	LE460C9WNPT7A	PS460R9W	PS460B9W
	4P5W			200/346 240/415	6	3/4" Aluminum NPT	LE560P6WNPT7A	LE560C6WNPT7A	PS560R6W	PS560B6W
	4P5W			3øY 277/480	7	3/4" Aluminum NPT	LE560P7WNPT7A	LE560C7WNPT7A	PS560R7W	PS560B7W
	3P4W			380/415	6	1" Aluminum NPT	LE460P6WNPT1A	LE460C6WNPT1A	PS460R6W	PS460B6W
	3P4W			3ø 480	7	1" Aluminum NPT	LE460P7WNPT1A	LE460C7WNPT1A	PS460R7W	PS460B7W
	3P4W			3ø 250	9	1" Aluminum NPT	LE460P9WNPT1A	LE460C9WNPT1A	PS460R9W	PS460B9W
	3P4W			125/250	12	1" Aluminum NPT	LE460P12WNPT1A	LE460C12WNPT1A	PS460R12W	PS460B12W
	4P5W			200/346 240/415	6	1" Aluminum NPT	LE560P6WNPT1A	LE560C6WNPT1A	PS560R6W	PS560B6W
	4P5W			3øY 277/480	7	1" Aluminum NPT	LE560P7WNPT1A	LE560C7WNPT1A	PS560R7W	PS560B7W
100A	3P4W			125/250	12	1¼" Aluminum NPT	LE4100P12WNPT12A	LE4100C12WNPT12A	PS4100R12W	PS4100B12W
	3P4W			125/250	6	1¼" Aluminum NPT	LE4100P6WNPT12A	LE4100C6WNPT12A	PS4100R6W	PS4100B6W
	3P4W			3ø 480	7	Cord Clamp	LE4100P7W	LE4100C7W	PS4100R7W	PS4100B7W
	3P4W			3ø 480	7	1¼" Aluminum NPT	LE4100P7WNPT12A	LE4100C7WNPT12A	PS4100R7W	PS4100B7W
	3P4W			3ø 250	9	Cord Clamp	LE4100P9W	LE4100C9W	PS4100R9W	PS4100B9W
	3P4W			3ø 250	9	1¼" Aluminum NPT	LE4100P9WNPT12A	LE4100C9WNPT12A	PS4100R9W	PS4100B9W
	4P5W			200/346 240/415	6	Cord Clamp	LE5100P6W	LE5100C6W	PS5100R6W	PS5100B6W
	4P5W			200/346 240/415	6	1¼" Aluminum NPT	LE5100P6WNPT12A	LE5100C6WNPT12A	PS5100R6W	PS5100B6W
	4P5W			3øY 277/480	7	Cord Clamp	LE5100P7W	LE5100C7W	PS5100R7W	PS5100B7W
	4P5W			3øY 277/480	7	1¼" Aluminum NPT	LE5100P7WNPT12A	LE5100C7WNPT12A	PS5100R7W	PS5100B7W

Ordering Information

Accessories Compatabile with the LE 30A and 60A plugs and connectors

Catalog Number	Description	NPT Size	Material
LENPT5A	Liquidtight NPT Fitting	1/2"	Aluminum
LENPT7A	Liquidtight NPT Fitting	3/4"	Aluminum
LENPT1A	Liquidtight NPT Fitting	1"	Aluminum
LENPT2A	Liquidtight NPT Fitting	1¼"	Aluminum
LENPT5V	Liquidtight NPT Fitting	1/2"	Plastic (Valox)
LENPT7V	Liquidtight NPT Fitting	3/4"	Plastic (Valox)
LENPT1V	Liquidtight NPT Fitting	1"	Plastic (Valox)
LENPT5AF	Flexcor Strain Relief	1/2"	Aluminum

Flexcor Strain Relief

Catalog Number	Description	NPT Size	Material
LENPT7AF	Flexcor Strain Relief	3/4"	Aluminum
LENPT1AF	Flexcor Strain Relief	1"	Aluminum
LENPT2AF	Flexcor Strain Relief	1¼"	Aluminum
LENPT5VF	Flexcor Strain Relief	1/2"	Plastic (Valox)
LENPT7VF	Flexcor Strain Relief	3/4"	Plastic (Valox)
LENPT1VF	Flexcor Strain Relief	1"	Plastic (Valox)
LECORDSEALKIT*	Cord Seal Kit		

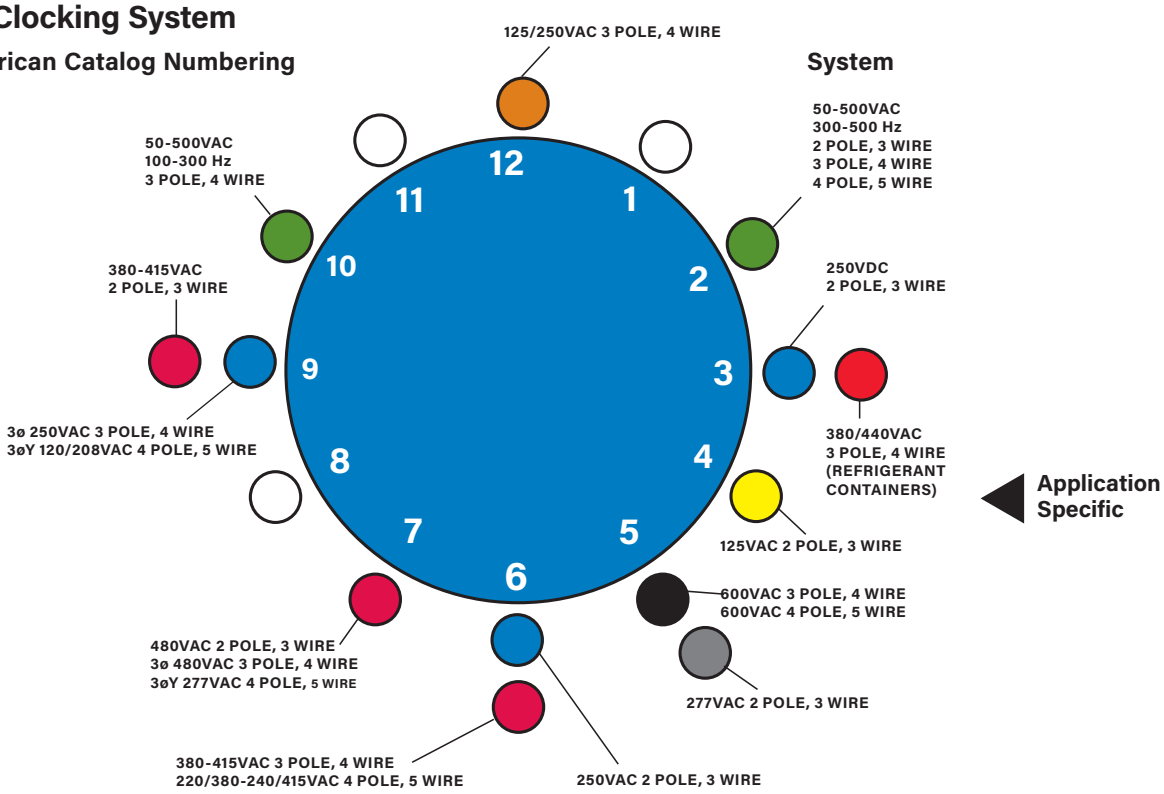
*Includes 7 grommet sizes ranging from 15mm to 37mm to be used with the cord clamp for unique cable diameters

Accessories Comptabile with the LE 100A plug and connectors

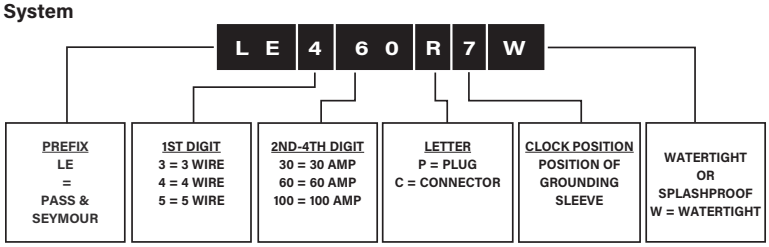
Catalog Number	Description	NPT Size	Material
LENPT102A	Liquidtight NPT Fitting	1¼"	Aluminum
LENPT103A	Liquidtight NPT Fitting	1½"	Aluminum
LENPT104A	Liquidtight NPT Fitting	2"	Aluminum
LE100CORDSEALKIT	Cord Seal Kit 100A		

IEC 309 Clocking System

North American Catalog Numbering System

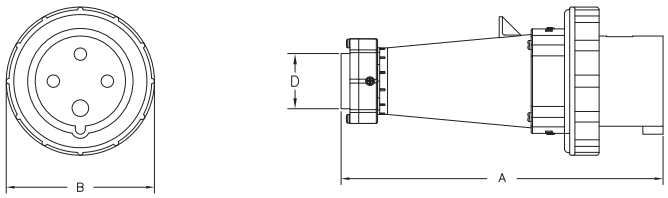


North American Catalog Numbering System

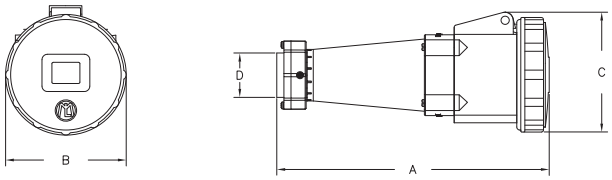


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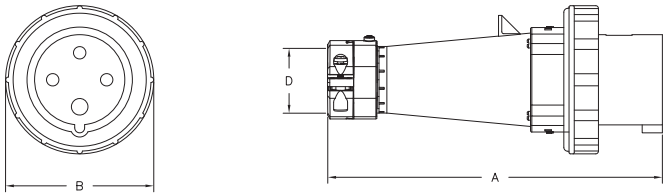
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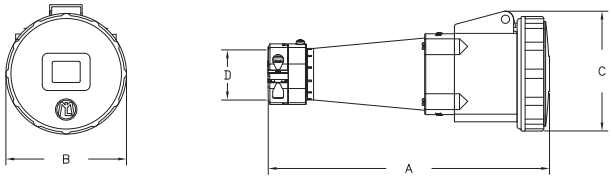
Waterproof Plug with NPT



Waterproof Connector with NPT



Waterproof Plug with Cord Clamp



Waterproof Connector with Cord Clamp

Amperage	Wire Count	Configuration	A	B	C	D
30A	3 wire & 4 wire	Waterproof Plug with NPT	6.5"	3.7"		0.5"/0.75"/1"/1.25"
	5 wire	Waterproof Plug with NPT	6.7"	3.98"		0.5"/0.75"/1"/1.25"
	3 wire & 4 wire	Waterproof Plug with Cord Clamp	6.5"	3.7"		0.5" to 1.43"
	5 wire	Waterproof Plug with Cord Clamp	6.7"	3.98"		0.5" to 1.43"
	3 wire & 4 wire	Waterproof Connector with NPT	7"	3.7"	3.9"	0.5"/0.75"/1"/1.25"
	5 wire	Waterproof Connector with NPT	7.3"	3.98"	4.1"	0.5"/0.75"/1"/1.25"
	3 wire & 4 wire	Waterproof Connector with Cord Clamp	7"	3.7"	3.9"	0.5" to 1.43"
	5 wire	Waterproof Connector with Cord Clamp	7.3"	3.98"	4.1"	0.5" to 1.43"
60A	3 wire, 4 wire & 5 wire	Waterproof Plug with NPT	10"	4.5"		0.5"/0.75"/1"/1.25"
	3 wire, 4 wire & 5 wire	Waterproof Plug with Cord Clamp	10"	4.5"		0.5" to 1.43"
	3 wire, 4 wire & 5 wire	Waterproof Connector with NPT	10.9"	4.5"	4.7"	0.5"/0.75"/1"/1.25"
	3 wire, 4 wire & 5 wire	Waterproof Connector with Cord Clamp	10.9"	4.5"	4.7"	0.5" to 1.43"
100A		Waterproof Plug	13.4"	5.2"	5.2"	
100A		Waterproof Connector	14.3"	5.2"	5.3"	

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