

**DESCRIPTION**

MWS-5LT, Modular Wiring Systems with DALI Control, provides low cost installation of both power for lighting and Class 1 control wiring for use with Fifth Light DALI systems. Using modular components that plug together, MWS-5LT can be installed in a fraction of the time of hardwiring both lighting and control. Plus, MWS-5LT offers the advantage of relocating fixtures and DALI control devices for future renovations.

The MWS Starter Fitting with DALI Control (ST-5LT) is the starting point for bringing the power and control system together.

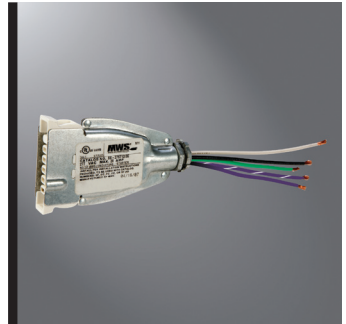
MWS Starters are also available as Starter Cables with 9, 15, or 21 feet of MC cable.

**DESIGN FEATURES**

- UL Listed under Standard 183 for make or break under load.
- Meets requirements of Article 604 of the National Electrical Code.
- MWS components assembled with 12 AWG conductors rated at 20 amperes with full size ground wire.
- Copper conductors are THHN insulated wire rated 90°C.
- Galvanized steel exterior with integral keying for voltage and amperage.
- Unique double-blade contact ensures proper mating of electrical components to prevent pushback or pullout.
- Valox 365 constructed contact housings are approved for environmental air plenums.
- Includes threaded locknut connector and 6" pre-stripped leads on fitting ends or at the end of specified cable length.

All unused outlets require a MWS dust cover. MWS **ST**, **SP**, **SD**, **CT** and **TC** are shipped with one dust cover attached.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

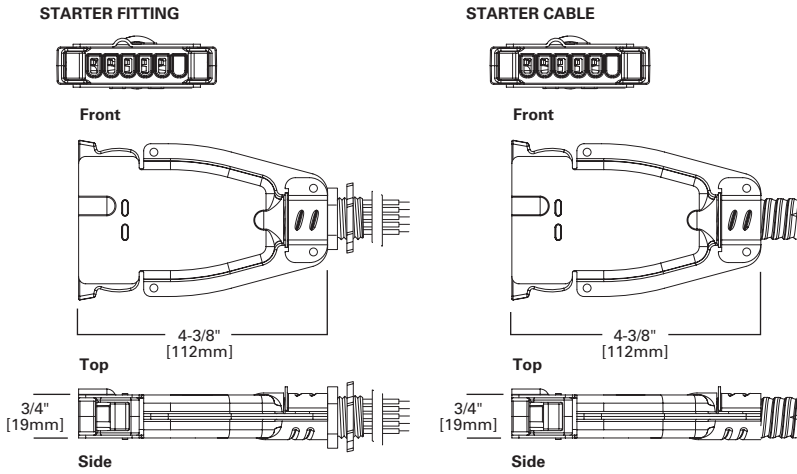


**ST-5LT**

**STARTER FITTING  
STARTER CABLE**  
Modular Wiring System



**DIMENSIONAL DATA**



**MWS AUTOCAD DRAFTING**

MWS offers AutoCAD drafting to layout MWS, providing the contractor with additional benefits.

MWS design layout time is reduced.

Bills of material are computer-generated guaranteeing accuracy.

MWS drawing symbols and details standardized.

Layouts are available on CD or e-mail.

To utilize this service and for additional information, contact the MWS Sales Department (888) 487-4887.

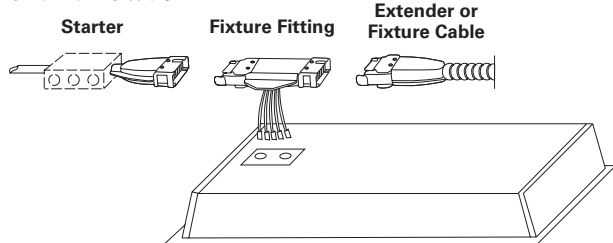
All electrical boxes, conduit, connections and switches by others.

Install dust covers on unused open ends.

Scale is exaggerated on fixtures and MWS system applications.

**SYSTEM VIEW** (not to scale)

**Unit with no cable**



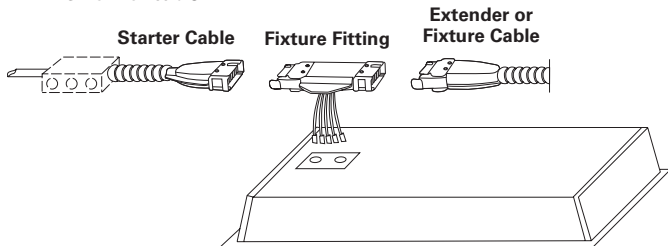
**Starter (ST)**

Converts conventional wiring and merges control wiring into MWS. Branch circuits are fed from the panel to a junction box with conduit and wire, while control circuits are run as Class 1 to meet local codes. The MWS Starter is mounted to the junction box with a 1/2" threaded lock nut connector. Power and control wires are then connected to the appropriate leads of the Starter.

Starter Cables have 9', 15' or 21' of MC cable.

Consult MWS Installation, Application and Specification Manual for additional comprehensive system information.

**Unit with cable**



**ORDERING INFORMATION**

SAMPLE NUMBER: 27ST12/4G5LT

<b>ST</b>				
<b>Voltage</b> 12=120V 27=277V	<b>Component</b> ST=Starter	<b>Conductors and Size</b> 12/4G=2 Conductors Plus Ground for Power (Black, White, Green) Plus Violet 2 #18 for Control (Violet, White w/ Violet Stripe)	<b>Cable Length (Feet)</b> 09=9' 15=15' 21=21' [Blank]=No Cable	<b>Options</b> 5LT

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

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**SHIPPING DATA**

Standard	Unit	Standard
Cable Lengths	Wt.	Qty./Carton
0'	.7 lbs.	60
9'	3.0 lbs.	9
15'	4.5 lbs.	6
21'	6.3 lbs.	4