



signify EC Three Electro Connect Wiring System Instruction Manual

[Home](#) » [signify](#) » signify EC Three Electro Connect Wiring System Instruction Manual 



Day-Brite CFI by signify
Wiring System
Electro-Connect
EC Three

Contents

- [1 EC Three Electro Connect Wiring System](#)
- [2 Ordering guide](#)
- [3 Application](#)
- [4 Construction](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)

EC Three Electro Connect Wiring System

Electro-Connect is a pre-assembled modular wiring system designed to simplify the process of wiring and installing fixtures ultimately providing time and cost savings.

- Distribution Cable – functions as the starting point from which all other system components are connected.
- The Lighting “T” – is designed to deliver branch circuit power to a device or convenience wall outlet.
- Extender Cable – is used primarily to carry branch circuit power however, it can also be used to extend the length of other cables.

Project:	
Location:	
Cat.No:	
Type:	
Lumens:	
Notes:	
Qty	

Ordering guide

Voltage <input type="checkbox"/>	Function <input type="checkbox"/>	Number of Wires <input type="checkbox"/>	Cable Length <input type="checkbox"/> _	Options <input type="checkbox"/>
1 120/208/240 2 277/480	D Distribution Cable E Extender Cable	A 2-wire with ground (phase A) B 3-wire with ground (phase A, B) C 4-wire with ground (phase A, B, C) D 2-wire with ground (phase B) F 2-wire with ground (phase C) AD1 2-wire with ground (phase A) DF1 2-wire with ground (phase B) AF1 2-wire with ground (phase C) BN1 4-wire with ground 2 Hots, 2 NtIs	15 Cable length of 15'	HV High Voltage (240 or 480) HCF HCF Cable SC #10AWG wire
	C Cord Drop		3 Cable length of 3' X Other cable length in feetcontact factory	

1. Used with 208/240/480 voltage

Application

- The Distribution Cable functions as the starting point from which all the other system components are connected.
- The Lighting ' T ' is designed to deliver branch circuit power to a device or convenience wall outlet. This is accomplished either by the snap-in connector being plugged into a 1/2" trade size knockout or by way of a Cord drop.
- The Extender Cable is used primarily to carry branch circuit power. However, it can also be used to extend the length of other cables.

Construction

Distribution Cable

- Each Distribution Cable is manufactured from Type MC Cable and is equipped with a MC connector to fit in a 1/2" knock-out. The conductors extending into a junction or distribution box for connection to the hardwired system are six inches long. They consist of 90° C insulated #12 AWG solid copper conductors with a #12 AWG bare solid copper ground.
- All Distribution Cables are rated for use on 20 ampere branch circuits and are dead fronted for safety. To eliminate inter-voltage connection, each Distribution Box Cable is keyed and color coded according to their specific voltage requirements.

Extender Cable

- Each Extender Cable is manufactured from Type MC Cable and consists of 90° C insulated type THHN #12 AWG, solid copper conductors and a #12 AWG bare solid copper ground.
- All Extender Cables are rated for use on 20 ampere branch circuits and are dead fronted for safety. All Extender Cables are keyed and are color coded according to their specific voltage requirements.

Lighting 'T'

- All Lighting 'T' 's are rated for use on 20 ampere branch circuits and are dead fronted for safety. All are also keyed and color coded for their specific voltage requirements.



EC3 Electro-Connect

Distribution Cable, Extender Cable & Lighting 'T'

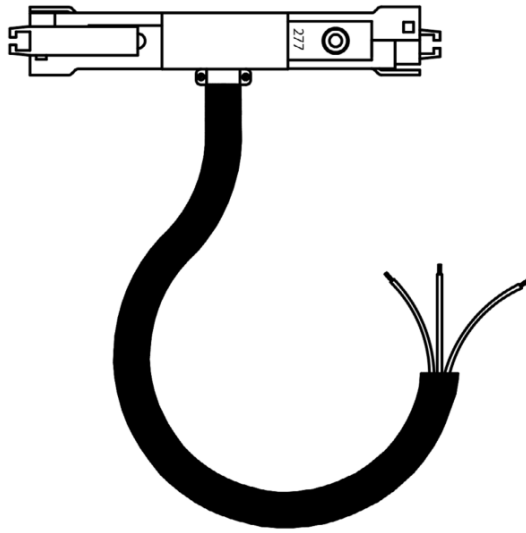
Distribution Cable



Extender Cable



Lighting 'T'



© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

EC3_Spec Sheet 06/21 page 2 of 2

Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

All trademarks are owned by Signify Holding or their respective owners.

www.signify.com

Documents / Resources

	<p>signify EC Three Electro Connect Wiring System [pdf] Instruction Manual EC Three Electro Connect Wiring System, EC Three, Electro Connect Wiring System, Connect Wiring System, Wiring System</p>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

- cat.no

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.