



Kingfisher Company, inc.

Dual Sync Module



Description:

The Kingfisher Series DSM Sync Modules are utilized with the Series Exceder, Series AS/AH, Series RSS, Series RSSP, Series SLM and selected strobe applications with other King-Fisher combination appliances.

When used with Series AS Audible Strobes and/or Series Exceder Horn Strobes, the DSM Sync Modules provide independent operation of synchronized temporal pattern (code 3) horn and synchronized strobe flash, as well as the ability to silence the horn while maintaining the strobe flash while using only a single pair of wires. The DSM-12/24 Sync Modules control either a Class A or two (2) Class B NAC circuits.

Features:

- Low operating current draw
- 3 Ampere handling per circuit 12V or 24V
- UL Listed
- Compatible with all standard Fire Alarm Control Panels
- Uniquely designed to accept an independent strobe and audible input from the FACP and convert to a single output that connects to audible strobes

Specifications:

Table1: Sync Module (DSM) Current Requirements (AMPS)

UL Voltage	ULC Voltage	Rated Average Current		Rated Peak Current		Rated Inrush Current	
		In1/In2	Audible	In1/In2	Audible	In1/In2	Audible
8.0 VDC	10.5 VDC	0.019	0.004	0.055	0.004	0.150	0.016
12.0 VDC	12.0 VDC	0.020	0.004	0.064	0.004	0.170	0.019
24.0 VDC	24.0 VDC	0.035	0.008	0.080	0.008	0.342	0.030
33.0 VDC	33.0 VDC	0.045	0.010	0.090	0.010	0.470	0.040
8.0 VRMS	8.0 VRMS	0.028	0.005	0.107	0.008	0.210	0.016
12.0 VRMS	12.0 VRMS	0.030	0.006	0.103	0.009	0.240	0.019
24.0 VRMS	24.0 VRMS	0.048	0.010	0.145	0.015	0.480	0.033
33.0 VRMS	31.0 VRMS	0.062	0.012	0.175	0.022	0.685	0.056

Table 3: Current Consumption DSM Modules

Output Circuit Description of SM/DSM Module		SM Module	DSM Module	Ref. Fig.
Class "B" with Audible Silence	(dual circuit)		Y	1
Class "B" with No Audible Silence	(dual circuit)		Y	2
Class "A" with Audible Silence	(single circuit)		Y	3
Class "A" with No Audible Silence	(single circuit)		Y	4

Kingfisher Company, inc. 81 Old Ferry Road - Lowell, MA 01854
 Phone: 978-596-0214 Fax: 978-596-0217 www.kfci.com

ORDERING INFORMATION

KCi #	Model #	Description
81057	KFDSM	Dual Sync Module
81057-DTS		Specification Data Sheet

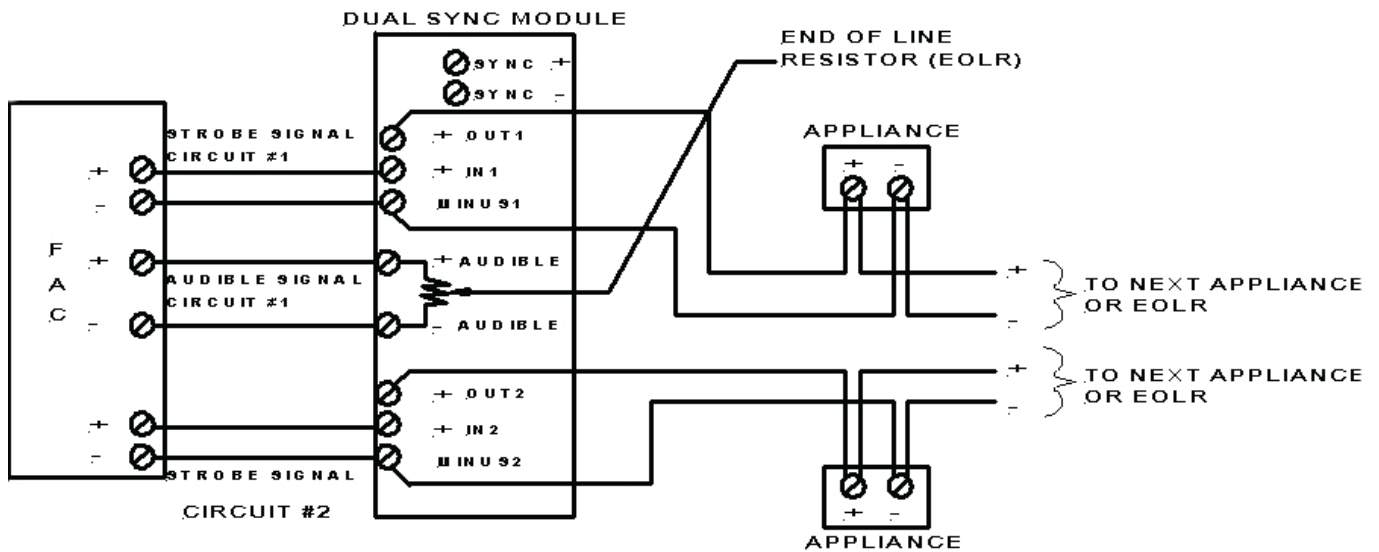
Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

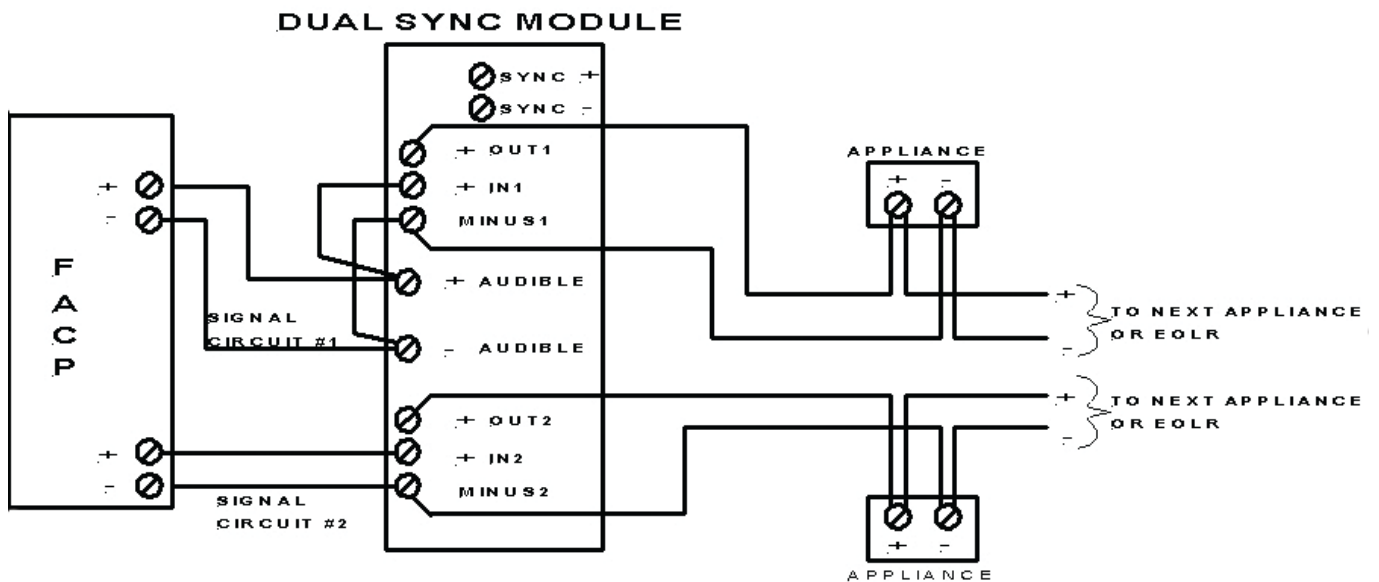
Kingfisher Company, inc. 81 Old Ferry Road - Lowell, MA 01854
Phone: 978-596-0214 Fax: 978-596-0217 www.kfci.com

DRAWINGS OR DIAGRAMS

Wiring Diagrams:



DUAL CLASS "B" CIRCUIT WITH AUDIBLE SILENCE FEATURE

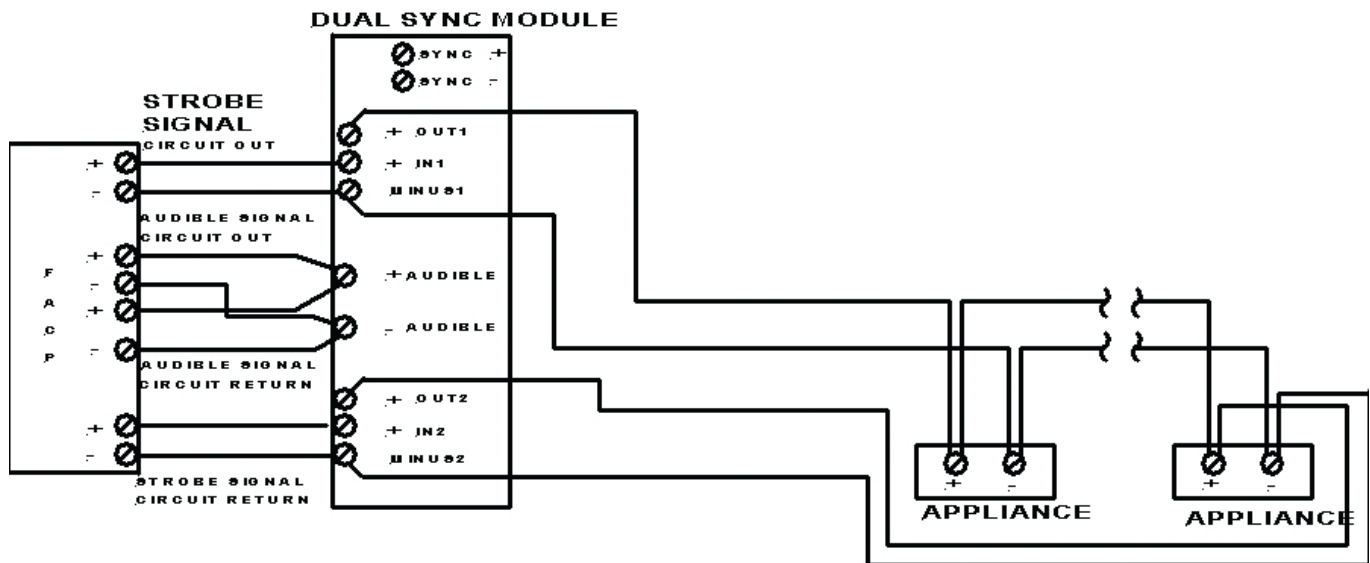


DUAL CLASS "B" CIRCUIT WITH NO AUDIBLE SILENCE FEATURE

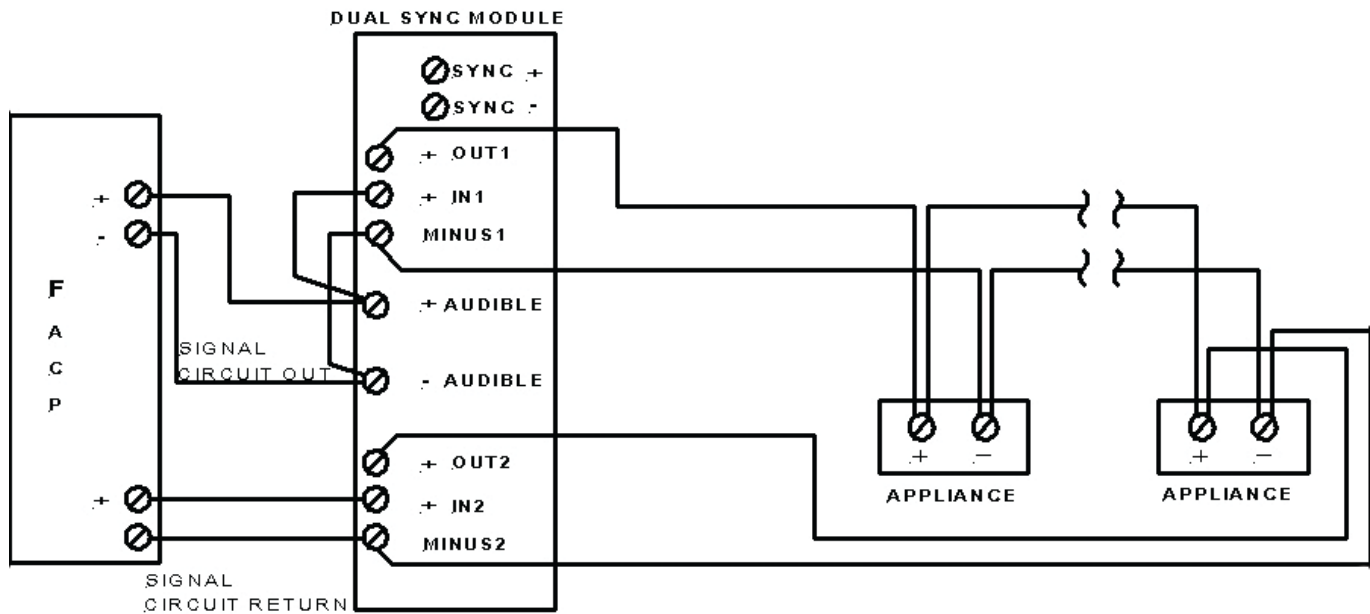
Kingfisher Company, inc. 81 Old Ferry Road - Lowell, MA 01854
 Phone: 978-596-0214 Fax: 978-596-0217 www.kfci.com

DRAWINGS OR DIAGRAMS

Wiring Diagrams:



SINGLE CLASS "A" CIRCUIT WITH AUDIBLE SILENCE FEATURE



SINGLE CLASS "A" CIRCUIT WITHOUT AUDIBLE SILENCE FEATURE

Kingfisher Company, inc. 81 Old Ferry Road - Lowell, MA 01854
 Phone: 978-596-0214 Fax: 978-596-0217 www.kfci.com

BLANK PAGE LEFT
INTENTIONALLY