

ONYX FIRE ALARM LOOP MODULES

Product Data Sheet

LCM-320

signaling line circuit loop control module

MODULE FUNCTION	COMPATIBLE PANELS	MAXIMUM LCM MODULES	EXPANSION MODULE
Signaling Line Circuit loop control	NFS-3030 and NFS2-3030	Five per supported panel	LEM-320

NOTIFIER LCM-320 is a signaling line circuit loop control module in the ONYX fire alarm loop modules family. The complete article identifies its documented electrical, communication and functional arrangement.

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VERIFIED TECHNICAL DATA

Module function	Signaling Line Circuit loop control
Compatible panels	NFS-3030 and NFS2-3030
Maximum LCM modules	Five per supported panel
Expansion module	LEM-320
Nominal voltage	24 V DC
Maximum voltage	27.6 V DC
Maximum LCM current	130 mA
Maximum SLC current	400 mA
Maximum Class B loop length	12,500 ft with 12 AWG
Maximum loop resistance	50 ohms

ADDITIONAL PRODUCT DATA

Supported wiring	12 to 18 AWG twisted pair
Degraded mode	Built in
Operating temperature	0 to 49 °C
Recommended room temperature	15 to 27 °C
Relative humidity	93% ±2%, non-condensing at 32 °C

DOCUMENTED USE SETTINGS

Pulp, Paper and Forest Industries: Pulp and paper mill sites.

Fire Protection and Life Safety Industries: Commercial fire protection sites.

Food and Beverage Industries: Food manufacturing facilities.

SYSTEM COMPATIBILITY

LCM-320 provides the documented role of signaling line circuit loop control module within ONYX fire alarm loop modules. Match the complete article with the installed host and system architecture.

PRODUCT EVIDENCE

NOTIFIER ONYX fire alarm loop modules manufacturer documentation