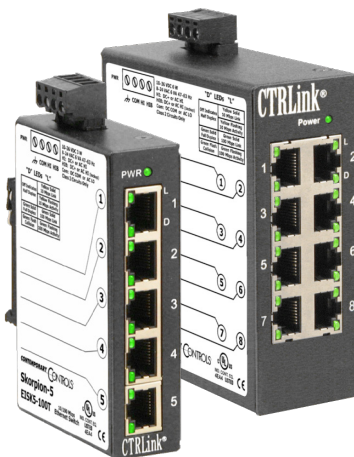**L1 legrand**

DLM GLOBAL NETWORK SWITCHES

NB-SWITCH

100 Mbps 5-port, 8-port and 16-port Ethernet switches

10BASE-T/100BASE-TX/ 100BASE-T operation

Auto negotiation of speed and duplex

Compatible with DLM Segment Manager or third party BACnet building automation systems
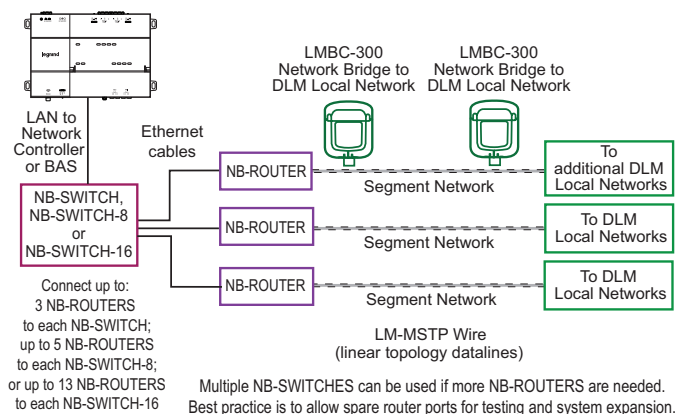
RoHS

DESCRIPTION

The NB-SWITCHES are enterprise-grade Ethernet switches that work with up to four or seven NB-ROUTERS to provide high speed connectivity for Digital Lighting Management (DLM) networked systems. The compact switch has a rugged metal enclosure and integral DIN rail clip.

OPERATION

NB-SWITCHES require no configuration. All ports automatically configure their data rates and duplex using the Auto-Negotiation protocol. Each port will accommodate a straight-through or crossover cable through the use of the AUTO-MDIX protocol.

NETWORK WIRING

LAN to Network Controller or BAS

Ethernet cables

NB-SWITCH, NB-SWITCH-8 or NB-SWITCH-16

Connect up to:
3 NB-ROUTERS to each NB-SWITCH; up to 5 NB-ROUTERS to each NB-SWITCH-8; or up to 13 NB-ROUTERS to each NB-SWITCH-16

LMBC-300 Network Bridge to DLM Local Network

LMBC-300 Network Bridge to DLM Local Network

NB-ROUTER — Segment Network — To additional DLM Local Networks

NB-ROUTER — Segment Network — To DLM Local Networks

NB-ROUTER — Segment Network — To DLM Local Networks

LM-MSTP Wire (linear topology datalines)

Multiple NB-SWITCHES can be used if more NB-ROUTERS are needed. Best practice is to allow spare router ports for testing and system expansion.

ORDERING INFORMATION

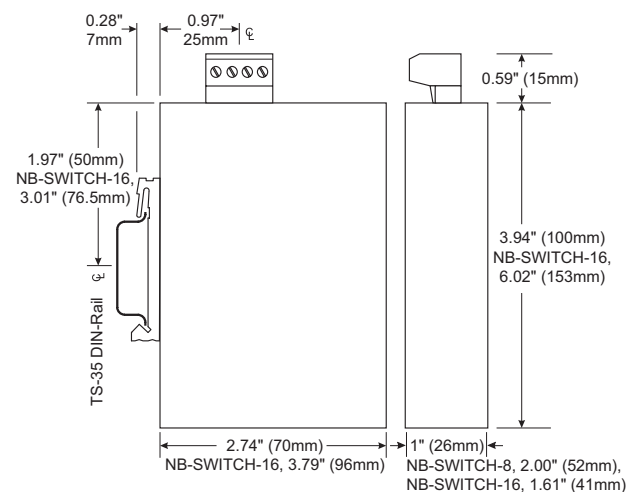| Catalog #		Description
☐	NB-SWITCH	DLM Global Network 5-Port Ethernet Switch
☐	NB-SWITCH-8	DLM Global Network 8-Port Ethernet Switch
☐	NB-SWITCH-16	DLM Global Network 16-Port Ethernet Switch

APPLICATIONS

An NB-SWITCH is the ideal choice for DLM network applications with multiple segment networks and either a Segment Manager or connected BAS.

SPECIFICATIONS

- VAC/VDC from 120 VAC cord-end power supply (included)
- Quick disconnect 4-pin power connector
- Power LED
- Link/Rate/Duplex LEDs for each port
- Shielded RJ45 ports
- DIN-rail mounting clip
- Weight: NB-SWITCH 1 pound; NB-SWITCH-8 1.5 pounds; NB-SWITCH-16 2 pounds.
- UL and cUL listed
- Five year warranty

DIMENSIONS

0.28" 7mm

0.97" 25mm

0.59" (15mm)

1.97" (50mm) NB-SWITCH-16, 3.01" (76.5mm)

TS-35 DIN-Rail

3.94" (100mm) NB-SWITCH-16, 6.02" (153mm)

2.74" (70mm) NB-SWITCH-16, 3.79" (96mm)

1" (26mm) NB-SWITCH-8, 2.00" (52mm), NB-SWITCH-16, 1.61" (41mm)

27567r1 Rev 10/21

PROJECT		LOCATION/ TYPE	