

Media Distribution Netkey® Phone and Expansion Hubs

PANDUIT®
DATA SHEET

Phone distribution hubs shall manage four incoming phone lines and distribute service to eight outlets (per line). Phone expansion hubs shall extend available service to an additional eight phone connections per line. Phone distribution hubs shall contain ports capable of testing both incoming and outgoing connections to ensure proper performance of phone system. Phone distribution hubs shall also contain a built-in security system interface capable of overriding phone service to transmit safety alarms in the event of emergency.



technical information

Dimensions:	Distribution Hub – 3.93"H x 5.57"W x 1.71"D (99.9mm x 141.4mm x 43.4mm) Expansion Hub – 2.95"H x 5.57"W x 1.71"D (74.9mm x 141.4mm x 43.4mm)
Mounting:	Snaps into 1" grid pattern of the enclosure
Compliance:	RoHS, TIA/EIA 570-B Residential Wiring Standard, cULus and UL

key features and benefits

Multiple room distribution (Phone distribution hub)	Manages four incoming phone lines and distributes service to up to eight outlets per line in the unit/home to provide system flexibility and convenience
Service expansion (Phone expansion hub)	Cost-effectively adds up to eight additional phone connections per line
Test ports (Phone distribution hub)	Enables testing of the incoming phone lines from the building demarcation point and connections from the enclosure to the residence to ensure performance
Security interface (Phone distribution hub)	Includes a built-in switch that overrides the phone service for emergency notifications, ensuring safety and security of unit or residence when needed
Snap-in installation	Snaps directly onto 1" grid pattern within enclosure to simplify installations and allow easy moves, adds, and changes

applications

The Panduit media distribution system is a complete structured cabling solution for residential and commercial deployments that cost-effectively delivers emerging communication and video entertainment connectivity into individual location enclosures. Using customizable hubs and patch panels installed within the enclosure, the media distribution system provides voice, video, and data applications (commonly referred to as triple-play services) throughout a home or office.

Modularity with Panduit products allows the media distribution system to service an entire network infrastructure from the building demarcation point to the end user's network outlet.

Media distribution NetKey® Phone Hubs service up to eight locations with phone service that includes test ports to ensure performance and a security system interface to assist with emergency situations within residential and commercial units. Expansion hubs cost-effectively extend service to additional locations.

NetKey® Voice (Phone) Hubs

Distribution hub:	NKM8PD
Expansion hub:	NKM8PE

Enclosures

Advanced

14" base:	MS14B
14" hinged door:	MS14HD
24" base:	MS24B
24" hinged door:	MS24HD

(Base and hinged door sold separately.)

Basic

14" base with screw down door:	MSB14E
24" base with screw down door:	MSB24E

Video Splitters

1 x 8 passive 1GHz:	MS8S1G
1 x 4 passive 1GHz:	MS4S1G
1 x 8 passive 2GHz:	MS8S2G
1 x 4 passive 2GHz:	MS4S2G

NetKey® Data Hub

Category 5e data hub:	NKM5E6PP
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Accessories

NetKey® Modular Patch Panel:	NKM8PP
Equipment bracket:	MSEBRKT
Cable management ring:	MSCMR
Cable management kit:	MSCM-KIT
Grounding kit:	MSGRD-KIT

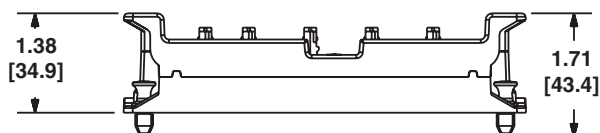
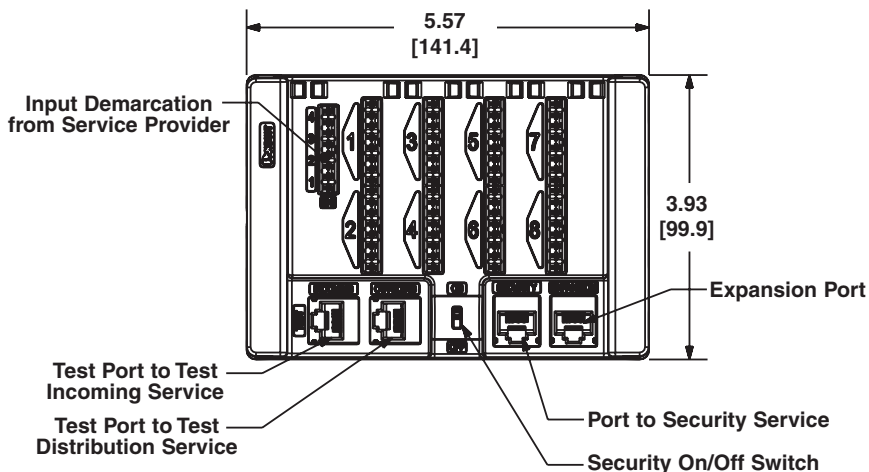
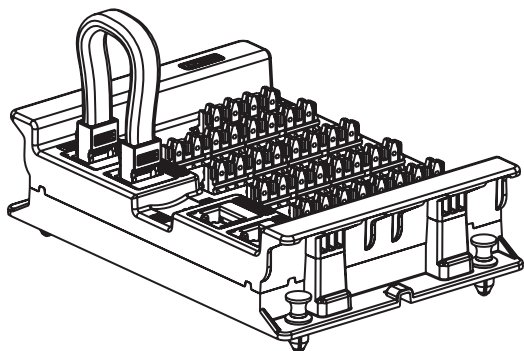
NetKey® Modules

Category 6 Jack Module:	NK688M**
F-Type Module:	NKF**
5-Way Binding Post (with black stripe):	NKBPB**Y
5-Way Binding Post (with red stripe):	NKBPR**Y

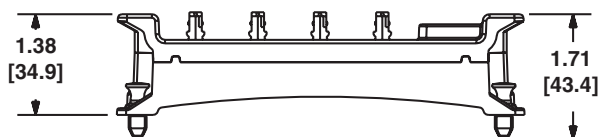
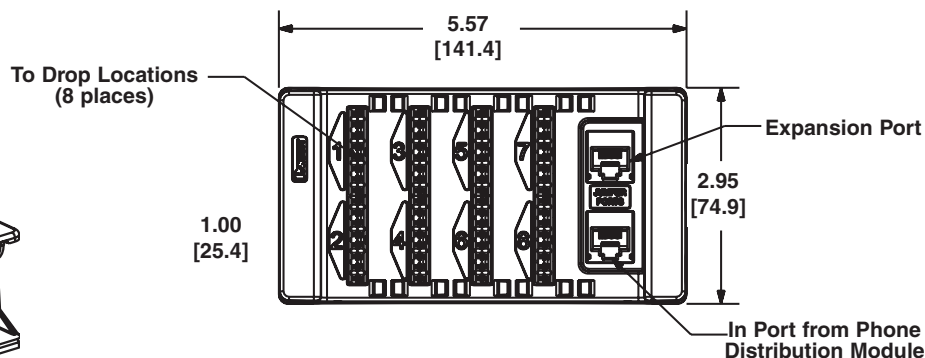
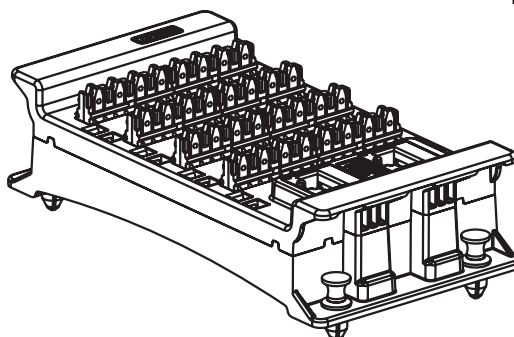
**For additional colors, substitute ** with IW (Off White), EI (Electric Ivory), WH (White), IG (International Gray), or BL (Black).

Media Distribution NetKey® Phone and Expansion Hubs

Phone Distribution Hub



Phone Expansion Hub



Dimensions are in inches [Dimensions in brackets are metric]

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For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference NKDS03

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