

ASSEMBLY INSTRUCTIONS:

- A. INSTALL THE CABLE CONDUCTORS INTO THE RJ45 IDC CONNECTOR. SEE NOTE 5 AND FIGURE 2.
- B. TERMINATE THE CABLE USING A KRONE/110 PUNCHDOWN TOOL.
- C. **(FOR SHIELDED VERSION)** WRAP THE DRAIN WIRE AROUND THE CABLE DRAIN TIE BAR. USE THE CABLE TIE (NOT SHOWN) TO SECURE THE CABLE TO THE BAR.
- D. SNAP THE IDC CAPS OVER THE IDC BLOCK.
- E. **(FOR SHIELDED VERSION)** SLIDE THE SHIELDED COVER INTO PLACE.
- F. ASSEMBLE THE SWITCHCRAFT HOUSING ONTO THE FRONT OF THE PANEL USING THE RECOMMENDED PANEL CUT-OUT. SEE FIGURE 1.
- G. SNAP THE RJ45 IDC CONNECTOR INTO THE SWITCHCRAFT HOUSING FROM THE BACK OF THE PANEL.

PART NUMBER	RJ45 IDC CONNECTOR
NHRJ45D5ESIDC	CAT5e SHIELDED
NHRJ45D5EIDCB	CAT5e UNSHIELDED
NHRJ45D6SIDC	CAT6 SHIELDED
NHRJ45D6IDCB	CAT6 UNSHIELDED


NOTES:

1. THE RJ45 CAT 5e AND CAT 6 IDC CONNECTORS MEET TIA/EIA 568 B.2 STANDARD.
2. MATERIALS:
SWITCHCRAFT HOUSING - ZINC ALLOY.
RJ45 IDC CONNECTOR
INSULATOR BODY- THERMOPLASTIC, BLACK
CONTACTS- COPPER ALLOY, GOLD PLATED (CONTACT AREA)
IDC TERMINALS- COPPER ALLOY, TIN PLATED
IDC CAPS- THERMOPLASTIC, WHITE
(SHIELDED VERSION ONLY)
SHIELD- COPPER ALLOY, NICKEL PLATED
DRAIN WIRE TIE BAR - COPPER ALLOY, NICKEL PLATED
3. **(SHIELDED VERSION ONLY)** FOR SHIELDING, TIE SHIELD/DRAIN WIRE TO THE TIE BAR AND SECURE WITH CABLE TIE PROVIDED (NOT SHOWN).
4. 22-26 AWG STRANDED OR SOLID WIRE IS RECOMMENDED.
5. THE RJ45 CONNECTOR CONTAINS A WIRING LABEL FOR T568A & T568B WIRING.
6. FOR SCREWS TO BE SHIPPED WITH ASSEMBLY, ADD SUFFIX PKG TO PART NUMBER.
7. WHEN MOUNTING ASSEMBLY, USE A SCREW TORQUE OF 10 INCH-LBS MAXIMUM.
8. THIS PRODUCT IS RoHS COMPLIANT.

SHEILDED RJ45

UNSHEILDED RJ45

CUSTOMER DRAWING

						THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.															
						UNLESS OTHERWISE SPECIFIED 1. ALL DIMENSIONS IN INCHES [mm] - TWO PLACE DECIMALS ±0.02 [0.5] - THREE PLACE DECIMALS ±0.005 [0.13]	SIZE		WIDTH		MULT		LBS/M		TEMPER						
							FINISH SPEC No.						MATERIAL SPEC No.								
							FIRST USED ON				SCALE 2:1										
							DATE DRAWN	BY	CHKD	APVD											
							7/30/21	NS	NS	SRC											
									7/30/21	7/30/21											
							NAME						PART No.				REV				
							NH SERIES RJ45 RA IDC, RoHS						NHRJ45D__IDC_SERIES				A				
						DO NOT SCALE DRAWING															
						REVISIONS															
	A	28424	09/02/21	PC	TJK																
	REV	ECO NUMBER	DATE	BY	APVD																

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Switchcraft:

[NHRJ45D5EIDCB](#) [NHRJ45D5ESIDC](#) [NHRJ45D6IDCB](#) [NHRJ45D6SIDC](#)