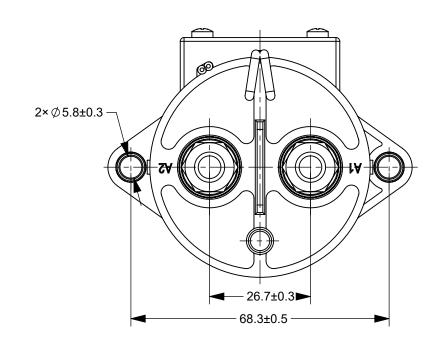


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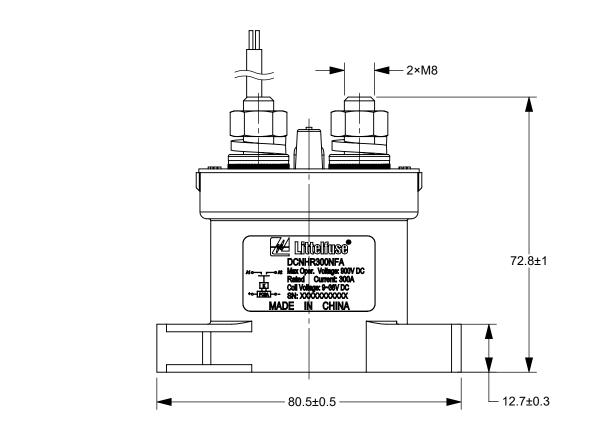
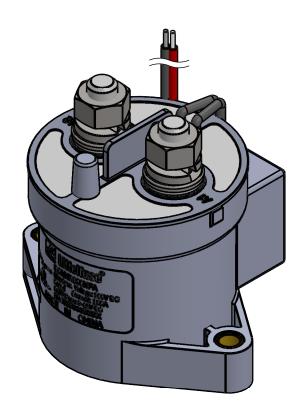


TABLE 1				
MAX OPER. VO	LTAGE	900V DC		
	DCNHR150NFA	150A		
RATED CONTACT CURRENT	DCNHR200NFA	200A		
	DCNHR250NFA	250A		
	DCNHR300NFA	300A		
COIL VOLTA	GE	9~36V DC		
OPERATING VOLTAGE IN COLD STATE @ (23±5)°C	PICK-UP	9V MAX		
	DROP-OUT	6V MIN		
OPERATE TIME		25ms		
CONTACT BOUN	CE TIME	7ms		
RELEASE T	ME	12ms		
MAIN CONTACT RESIS	TANCE(@ 20A)	≤2mΩ		
INSULATION RESISTANCE	@ 500 V (INITIAL)	≥100MΩ		
DIELECTRIC STRENGTH (LEAP	(AGE CURRENT≤1 mA)	2200V AC, 1 MINUTE		
ELECTRIC LIFE	DCNHR150NFA	5000 CYCLES (150A @ 450V DC)		
	DCNHR200NFA	3500 CYCLES (200A @ 450V DC)		
	DCNHR250NFA	1500 CYCLES (250A @ 450V DC)		
	DCNHR300NFA	600 CYCLES (300A @ 450V DC)		
MECHANICAL LIFE (NO LOAD, CYCLES)		200,000		
WORKING D	UTY	CONTINUOUS		
	RATED CONTACT CURRENT COIL VOLTA OPERATING VOLTAGE IN COLD STATE @ (23±5)°C OPERATE T CONTACT BOUN RELEASE TI MAIN CONTACT RESIS INSULATION RESISTANCE DIELECTRIC STRENGTH (LEAR ELECTRIC STRENGTH (LEAR ELECTRIC LIFE	MAX OPER. VOLTAGE MAX OPER. VOLTAGE  RATED CONTACT CURRENT DCNHR150NFA DCNHR200NFA DCNHR250NFA DCNHR300NFA  COIL VOLTAGE OPERATEQ (23±5)°C OPERATEQ (23±5)°C OPERATE TIME OPERATE TIME CONTACT BOUNCE TIME CONTACT RESISTANCE @ 500 V (INITIAL) DIELECTRIC STRENGTH (LEAKAGE CURRENT<1 mA) AIN CONTACT RESISTANCE @ 500 V (INITIAL) DIELECTRIC LIFE DCNHR150NFA DCNHR200NFA DCNHR200NFA DCNHR200NFA		

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WIRE OF COIL, UL3321 22AWG THE RED WIRE CONNECTS "+" THE BLACK WIRE CONNECTS "-"

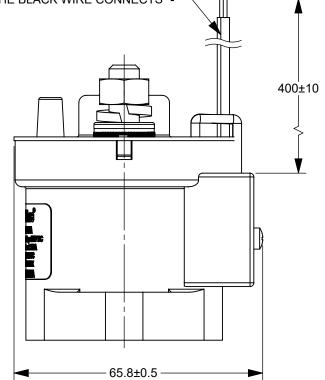


	TABLE 2					
NO.	PN	"A"	"B"	REMARK		
1	DCNHR150NFA	DCNHR150NFA	Rated Current: 150A			
2	DCNHR200NFA	DCNHR200NFA	Rated Current: 200A			
3	DCNHR250NFA	DCNHR250NFA	Rated Current: 250A			
4	DCNHR300NFA	DCNHR300NFA	Rated Current: 300A			

NOTES:

1. ALL DIMENSIONS ARE REFERENCE ONLY.

2. SEE TABLE 2 FOR NAME PLATE AND PNs

3. PRODUCT TYPE: SPST-NO, NON-POLAR CONTACTOR.

4. MATERIALS AND FINISH:

4.1 HOUSING: THERMOPLASTIC PLASTICS.

4.2 CONTACTS: COPPER ALLOY.

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4.3 CONTACT STUDS: COPPER ALLOY.

4.4 COIL TERMINALS: XLPE INSULATION WIRE(HALOGEN FREE) UL3321 22AWG.

5. MAIN CONTACT M8 STUD, TORQUE: 8~12N•m.

6. MOUNTING: M5 BOLT, RECOMMENDED TORQUE 1.8 N•m ~ 3.5 N•m.

7. CONTACTOR PARAMETERS ARE SHOWN IN TABLE 1.

8. THE COIL OF THE CONTACTOR IS POLAR, SO THE CONNECTION OF THE COIL

SHOULD BE OPERATED ACCORDING TO THE SCHEMATIC CIRCUIT DIAGRAM.

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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	А	GCF#524671 INITIAL RELEASE	JUL./28/2021	D. ZHANG

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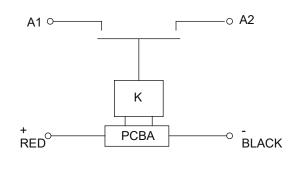
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SCHEMATIC CIRCUIT DIAGRAM

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DCNHR300NFA-	—А
A10OA2 Max Oper. Voltage: 900V DC	
Rated Current: 300A-	—В
└└└ Coil Voltage: 9~36V DC ⁺╍─ <u>Pcaa</u> -∽- <u>SN</u> : XXXXXXXXXXXX	
( MADE IN CHINA /	

SCALE 2:1

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	DIMENSIONS ARE SHOWN IN MILLIMETERS. DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI/ASME Y14.5-1994.						
CHI-NPD20-0008 PROCEDURE			FIT/ FUNCTION CRITICAL CHARACTERISTICS				
	<s< td=""><td>٧</td><td colspan="4">SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL</td></s<>	٧	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL				
	СР	Κ	DENOTES CPK DIMENSIONS MINIMUM CPK VALUE				
	(s <sup>-</sup>	r)	PERFOR	DTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS ORMANCE.PROCEDURE FOR MEASUREMENTAND TRACKINGTO BE DEFINED ITELFUSE INSPECTION INSTRUCTIONS			
PER CHI-1	CF	D	DENOTES CP DIMENSIONS, -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE				
		I	NAME	DATE			
DRA	WN	JY. S	вні	JUL./15/2021	<b>Littelfuse</b>		
CHE	CHECKED J. LI			JUL./21/2021			
				-	Expertise Applied Answers Delivered		
		-					
FORM NO: CVP-PE40-0005 REV B			VP-PE40-00	005 REV B	DCNHR 9-36V COIL NON-POLAR CONTACTOR		
THIRD ANGLE PROJECTION			GLE PROJ	ECTION	CONTACTOR		
		$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	SIZE DWG. NO. OUTLINE OL-DCNHR300NFA,CHART A				
D	DO NOT SCALE DRAWING			RAWING	SCALE 1:1 SHEET 1 OF 1		

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