

AVSC N/A  
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TYPE OF LOAD		CONTACT RATED LOAD (AMPERES PER POLE)									
28 VOLTS DC											
A5											
RESISTIVE	5										
INDUCTIVE	3										

  

P.A. Navy - Aer	TITLE	MILITARY STANDARD
Other Cust USAF - 85	RELAY, GENERATOR, EQUALIZER BUS, CLASS A-5	MS25084(ASG)
PROCUREMENT SPECIFICATION MIL-R-6106	SUPERSEDES: BuAer DWG 50A1A11	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT No. 5945-0744-01

31 JULY 1986

REVISED A 15 Sep 55 B 25 May 55

APPROVED 19 Jan 55

FED. SUP CLASS. 5945

.196 ±.005 DIA  
4 MOUNTING HOLES

2.500  
1.250 1.250

.250

.688  
2.125  
.688

A1  
A2  
X1 X2

2.500 ±.010

.312 .312

2.000 ±.010

.250

2.907 ±.010

INSULATED COVER PLATE

STUD NO. 10-32  
4 REQUIRED

METHOD OF STUD ATTACHMENT OPTIONAL BUT  
SUITABLE BEARING SURFACE SHALL BE PROVIDED

NUT, MS25082-3  
LOCKWASHER, AN935-10L  
WASHER, AN961-10  
4 EACH REQUIRED

CIRCUIT

A1 A2  
X1  
X2

(A) MIN OPERATING CYCLES 10,000  
(B) MAX OPERATING TIME .015 SEC  
(C) MAX RELEASE TIME (DC) .004 SEC  
(D) MAX DURATION OF CONTACT BOUNCE .004 SEC  
(E) CONTACT DROP: A1 TO A2, WITH 1 AMP AT 3 VOLTS DC 20 MV MAX  
(F) OVERLOAD: 50 OPERATIONS, 20 AMPS RESISTIVE LOAD AT 12 VOLTS DC  
(G) RUPTURE: NOT REQUIRED

COIL	NOMINAL	MAXIMUM	PICK-UP	DROP-OUT
DC VOLTAGE	28	29	20 ±2	12±2
CURRENT		.1		

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.016.

THE LETTER D BEFORE THE DASH NUMBER  
INDICATES A DC COIL

DASH NO.	FIIN	WEIGHT LB MAX
D1		.75

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS  
FOR BID.

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NO SUPERSEDING STANDARD

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