



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		2 PL DEC. 13 PL DEC. 1		ANGLES		± .06 ± .010 ± 1°	
DASH NO		NEXT ASSY		USED ON		APPLICATION	
FIND QTY NO REQD		PART OR IDENTIFYING NO		NOMENCLATURE OR DESCRIPTION		FSCM NO	
1		16045-001		PLATE - NAME		DRAWING OR SPECIFICATION	
2		1		42279-001		MATERIAL OR NOTE	
3		1		25695-001		BRASS	
4		1		32232-002		STAINLESS STEEL	
5		1		32687-100		MS3535-103	
6		1		50407-164		MS24626-9	
7		4		51200-020		MS35650-3585	
8		2		51807-084		BRONZE	
9		1		39529-001		MS3535-103	
10		1		39529-038		MS24626-9	
				OVERLAY		MS3535-103	
				WASHER-LOCK, 3/8x.688x.094 SP		BRASS	
				SCREW-NO. 4x1/4 SHEET METAL		STAINLESS STEEL	
				NUT, 3/8-24x5/8x7/32 HEX		BRASS	
				CONTACTOR ASSEMBLY - PRI.		BRASS	
				PLATE - BASE COVER		BRASS	
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CONSTRUCTION
MAIN CONTACTS
VOLTAGE (NOMINAL)
CURRENT:

GASKET SEALED (VENTED)
SPST N.O.
28 VDC
400 AMP
1000 AMP FOR 30 SEC.
1500 AMP INRUSH

AUXILIARY CONTACTS
CONFIGURATION
VOLTAGE
CURRENT RES.
SURGE

FORM Z
28 VDC-115V, 400 HZ
5 AMP, 10 AMP CARRY ONLY
30 AMP CARRY ONLY FOR 0.1 SEC.

COIL DATA
DUTY CYCLE
NOMINAL VOLTAGE
PICKUP MAX.
PULL THROUGH

INTERMITTENT
16-31 VDC
10 VDC
6 VDC MAX. AT 77°F
7+0
7-6

RESISTANCE
TRANSIENT SUPPRESSION
OPERATE TIMES
PICKUP
DROPOUT

14 OHM ± 20% AT 77°F
± 45 V MAX.
35 MS MAX. AT 28 VDC
35 MS MAX. AT 28 VDC
.004 SEC. MAX. MAKE
.003 SEC. MAX. BREAK NO. ONLY

CONTACT BOUNCE
ENVIRONMENTAL DATA
AMBIENT TEMP.
LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX.

-67°F TO +160°F
15,000 CYCLES MIN.
100,000 CYCLES
2 LBS. 3 OZ.

PILOT RELAY

CONTACT CONFIGURATION
VOLTAGE NOMINAL
CURRENT
COIL DUTY
COIL CURRENT AT 31V
PICKUP
DROPOUT
TRANSIENT SUPPRESSION

SPST
28 VDC
5 AMP
CONTINUOUS
.15 AMP MAX.
18V, MAX.
7V, MAX.
± 45 V

NOTE:
DIODES ARE JANTX GLASS CASE 1000 PIV
ZENERS ARE JANTX GLASS CASE

CONFIGURATION CONTROLLED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		REF.		HARTMAN ELECTRICAL MANUFACTURING MANFIELD, OHIO	
		2 PL DEC. 3 PL DEC. ANGLES		MDC 500046-1		CONTACTOR 400 AMP 28 VOLTS	
		MATERIAL		DR BY H.A.S. 15-10-91		SIZE FSCM NO. DWG NO.	
				CHECKED [Signature]		C 74063 A-703AK	
				ENGINEER [Signature]		SCALE	
				MFG. [Signature]		SHEET 2 OF 2	
DASH NEXT ASSY USED ON				RELEASE CONTR NO. GOVT APPL			
APPLICATION							

Mouser Electronics

Authorized Distributor

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