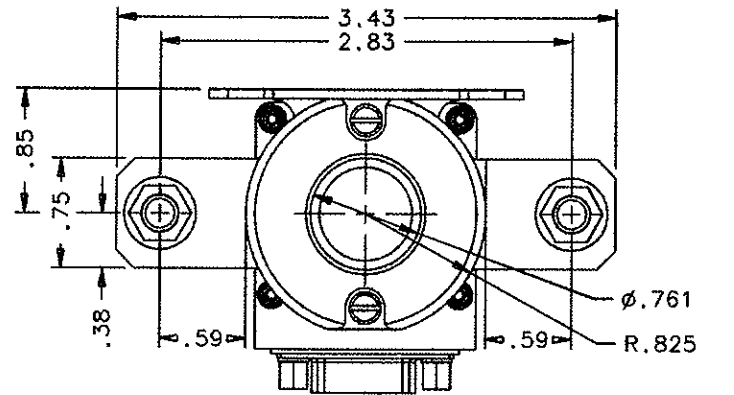


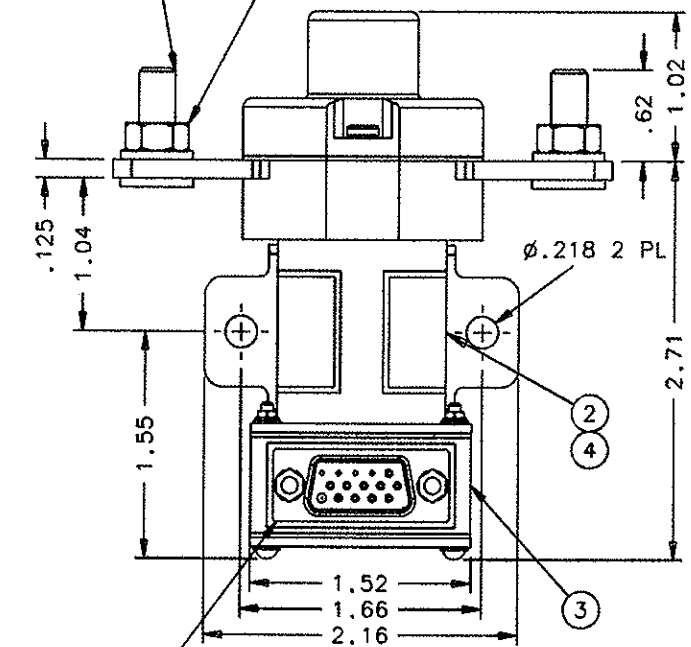
THIS ENTIRE DRAWING IS SUBJECT TO THE FOLLOWING LEGEND:  
 THOSE PORTIONS OF THIS TECHNICAL DATA INDICATED AS LIMITED RIGHTS DATA SHALL NOT, WITHOUT THE WRITTEN PERMISSION OF THE ABOVE CONTRACTOR, BE EITHER (a) USED, RELEASED OR DISCLOSED IN WHOLE OR IN PART OUTSIDE THE GOVERNMENT (b) USED IN WHOLE OR IN PART BY THE GOVERNMENT FOR MANUFACTURE OR, IN THE CASE OF COMPUTER SOFTWARE DOCUMENTATION, FOR PREPARING THE SAME OR SIMILAR COMPUTER SOFTWARE, OR (c) USED BY A PARTY OTHER THAN THE GOVERNMENT, EXCEPT FOR: (1) EMERGENCY REPAIR OR OVERHAUL WORK ONLY, BY OR FOR THE GOVERNMENT, WHERE THE ITEM OR PROCESS CONCERNED IS NOT OTHERWISE REASONABLY AVAILABLE TO ENABLE TIMELY PERFORMANCE OF THE WORK, PROVIDED THAT THE RELEASE OR DISCLOSURE HEREOF OUTSIDE THE GOVERNMENT SHALL BE MADE SUBJECT TO A PROHIBITION AGAINST FURTHER USE, RELEASE OR DISCLOSURE; OR (11) RELEASE TO A FOREIGN GOVERNMENT, AS THE INTEREST OF THE UNITED STATES MAY REQUIRE, ONLY FOR INFORMATION OR EVALUATION WITHIN SUCH GOVERNMENT OR FOR EMERGENCY REPAIR OR OVERHAUL WORK BY OR FOR SUCH GOVERNMENT UNDER THE CONDITIONS OF (1) ABOVE. THIS LEGEND, TOGETHER WITH THE INDICATIONS OF THE PORTIONS OF THIS DATA WHICH ARE SUBJECT TO SUCH LIMITATIONS SHALL BE INCLUDED ON ANY REPRODUCTION HEREOF WHICH INCLUDES ANY PART OF THE PORTIONS SUBJECT TO SUCH LIMITATION.

HARTMAN® PROPRIETARY (DO NOT COPY)

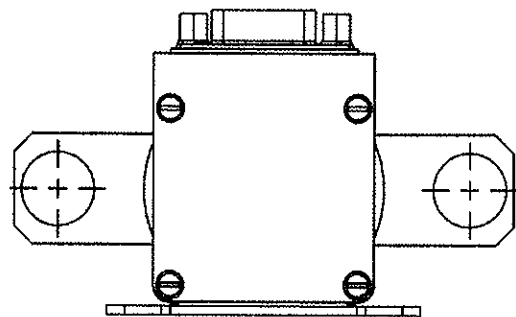
REVISIONS		RELEASED	
SYM	DESCRIPTION	DATE	APPROVED
A	44661 REDRAW CONTACT SHEID; REDIMENSION; REMOVED *PRELIMINARY DRAWING*	01/05/11	CC
B	0382-02 UPDATE VIEWS AND SPECIFICATIONS; ADDED *PRELIMINARY DRAWING*	02/05/15	CB
C	0580-02 REMOVED *PRELIMINARY DRAWING*; COIL INRUSH WAS 8 AMP; OPERATE TIME WAS 650 mA; ITEM 3 WAS 44898-060; QTY OF ITEM 4 WAS 1	02/06/21	CC
D	0182-02 RELOCATED BALLOONS 1 & 2	02/10/16	CC



1/4-28 UNF-2A  
2 STUDS  
RECOMMENDED TORQUE VALUE  
56.3 IN/LBS PER MIL-PRF-6106



CONNECTOR  
M24308/4-11



CONSTRUCTION  
MAIN CONTACTS  
CONFIGURATION  
VOLTAGE  
CURRENT  
RESISTIVE OVERLOAD  
INRUSH RUPTURE

AUXILIARY CONTACTS  
CONFIGURATION  
VOLTAGE  
CURRENT  
RESISTIVE INDUCTIVE LAMP  
LOW LEVEL

COIL DATA  
DUTY CYCLE  
MAX OPERATE VOLTAGE  
NOM OPERATE VOLTAGE  
MAX PICKUP VOLTAGE  
DROPOUT VOLTAGE  
COIL CURRENT  
INRUSH HOLD  
OPERATE TIME  
RELEASE TIME  
BOUNCE TIME

ENVIRONMENTAL DATA  
TEMPERATURE  
ALTITUDE

LIFE ELECTRICAL  
LIFE MECHANICAL  
WEIGHT MAX EST.

GASKET SEALED

SPST N.O. (DOUBLE BREAK)  
28 VDC

400 AMPS  
450 AMPS FOR 5 MIN.  
1000 AMPS FOR 10 SEC.  
1500 AMPS  
4000 AMPS

2 N.O., 2 N.C.  
28 VDC

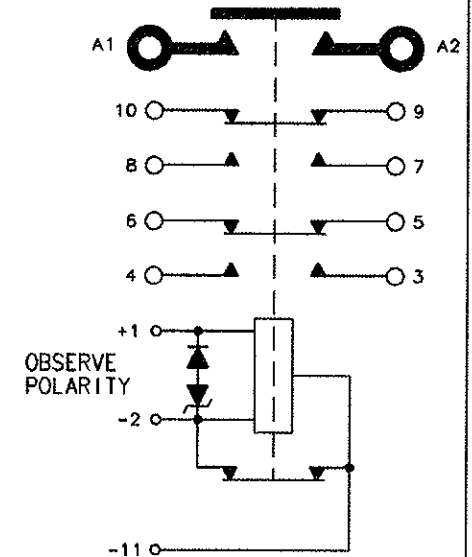
5 AMPS  
2 AMPS  
1 AMP  
1 mA AT 28 VDC

CONTINUOUS (ECONOMIZED)

32 VDC  
28 VDC  
18 VDC MAX  
9 VDC MAX  
5.5 AMP MAX  
500 mA MAX  
35 mSEC MAX AT 18 TO 32 VDC  
20 mSEC MAX AT 28 VDC  
5 mSEC MAX AT 18 TO 32 VDC

-55°C TO 85°C  
50,000 FEET

50,000 CYCLES MIN.  
100,000 CYCLES MIN.  
.77 LBS.



NOTES:

1. COIL TRANSIENT VOLTAGE LIMITED TO ±42 VOLTS REFERENCED TO ZERO VOLTS.
2. AUXILIARY CONTACTS ARE GOLD PLATED.
3. 1 MILLIAMPERE RATING DOES NOT APPLY IF CONTACTS HAVE SWITCHED LOADS ABOVE 1 MILLIAMPERE.
4. CONNECTION -11 IS PROVIDED TO ENSURE OPTIMUM PERFORMANCE DURING STARTING. WHEN USED AS A START CONTACTOR, POSITIVE VOLTAGE IS APPLIED TO CONNECTION +1, AND NEGATIVE TO CONNECTION -11. FOR CONTINUOUS DUTY OPERATION, POSITIVE VOLTAGE IS APPLIED TO CONNECTION +1, AND NEGATIVE TO CONNECTION -2.
5. IF CONNECTION -11 IS USED, THE COILS DUTY CYCLE IS INTERMITTENT.

6	2	51807-034	WASHER - LOCK NO. 1/4 SPLIT TYP.			BRONZE
5	2	50407-074	NUT 1/4-28 X 3/8 X 3/16 HEX			BRASS
4	2	39529-059	OVERLAY			
3	1	44898-070	CONTACTOR ASSEMBLY - PRIMARY			
2	1	44900-003	PLATE - SCHEMATIC DIAGRAM			
1	1	44899-008	PLATE - NAME			
FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	CAGE NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			Hartman Division, 175 N. DIAMOND STREET, WANSFIELD, OHIO 44902			
2 PL DEC.	3 PL DEC.	ANGLES				
±.06	±.010	±1°	CHK BY	CC	02/10/23	CONTACTOR-SPST N.O. 400 AMP, 28 VDC 093
MATERIAL			ENGR	LSJ	02/10/24	DWG NO. K-400A5C
			MFG	LSJ	02/10/24	REF TYCO P/N 0-1616069-1
			SIZE	CODE IDENT		
			B	74063		
			SCALE	1/1	SHEET	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.