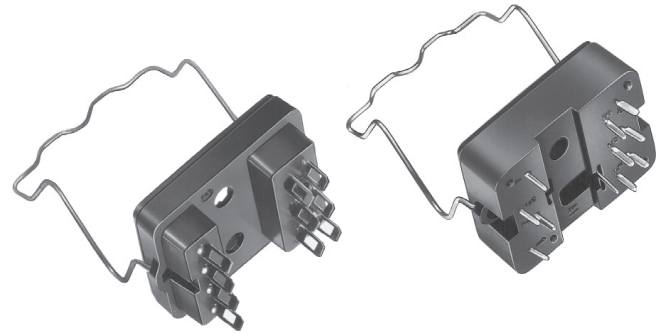


## Cradle Relay Accessories and Mounting

### Sockets for cradle relays in 2 different versions

- Sockets with hand solder terminals
- Sockets with PCB terminals
- Available in 3 different sizes



#### Technical Data

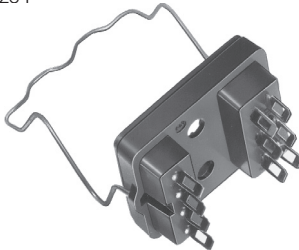
|                                                                    |                           |
|--------------------------------------------------------------------|---------------------------|
| ROHS compliant (Directive 2002/95/EC) as per product date code 050 |                           |
| Sockets with hand solder terminals                                 |                           |
| Weight: size I / II / III                                          | approx. 3.5 / 4.5 / 5.5 g |
| Sockets with PCB terminals                                         |                           |
| Weight: size I / II / III                                          | approx. 4.5 / 5.5 / 6.5 g |
| Terminal material                                                  |                           |
| CuSn8 FB 390 plated with min. 3µm silver or min. 1 µm gold         |                           |

#### Technical Data (continued)

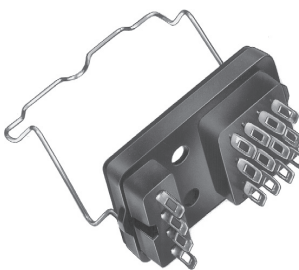
|                                               |  |
|-----------------------------------------------|--|
| Socket material hand solder terminals         |  |
| Phenolformaldehyde type 31 (DIN 7708, part 2) |  |
| Socket material PCB terminals                 |  |
| Makrolom (polycarbonate)                      |  |
| Maximum continuous current at 70°C            |  |
| 5 A                                           |  |

### Sizes Hand Solder Terminals

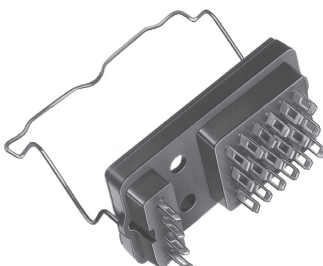
Size I



Size II

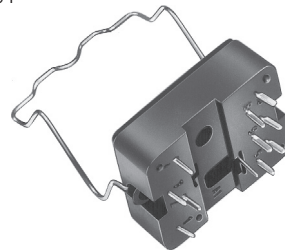


Size III

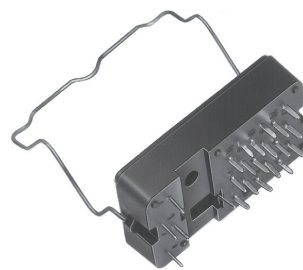


### PCB Terminals

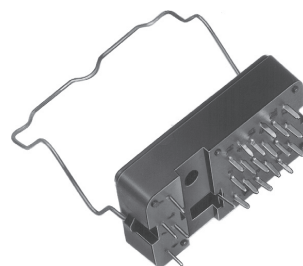
Size I



Size II



Size III



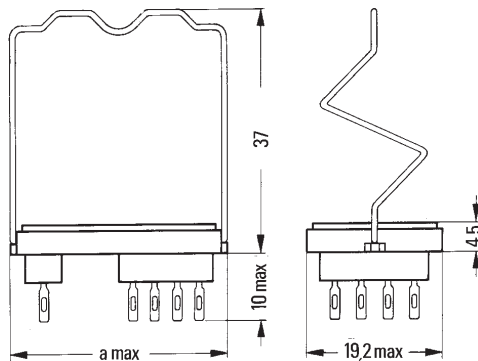
## Cradle Relay Accessories and Mounting (Continued)

### Dimensions

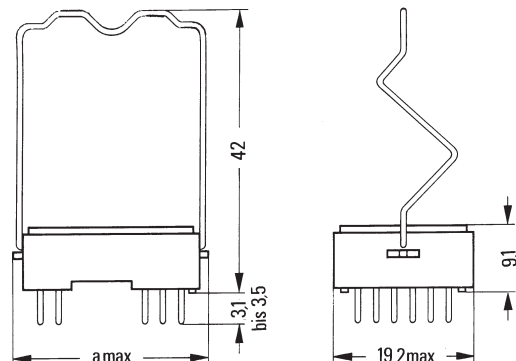
| Socket      | Size I | Size II | Size III |
|-------------|--------|---------|----------|
| Dimension a | 26.6mm | 32.5mm  | 38mm     |

#### Sockets with hand solder terminals

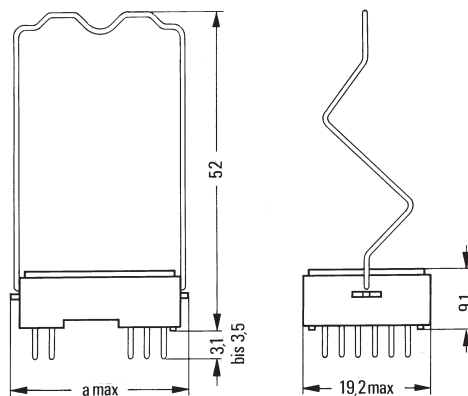
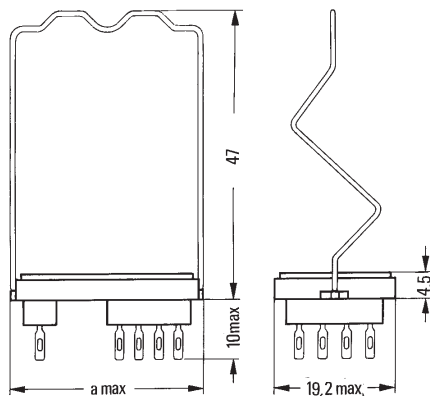
with hold-down spring for cradle relays N, S and P



#### Sockets with PCB terminals



with hold-down spring for cradle relay W



### Ordering Code\*)

| Version                                                                         | Size | Ordering Code | Part Number |
|---------------------------------------------------------------------------------|------|---------------|-------------|
| <b>Sockets</b>                                                                  |      |               |             |
| for printed circuit mounting,<br>terminals silver-plated<br>with earth terminal | I    | V23154-Z1001  | 1393824-1   |
|                                                                                 | II   | V23154-Z1002  | 9-1393809-1 |
|                                                                                 | III  | V23154-Z1028  | 1-1393824-0 |
| for solder terminals,<br>hand solder terminals, silver-plated                   | I    | V23154-Z1005  | 1393824-4   |
|                                                                                 | II   | V23154-Z1006  | 1393824-5   |
|                                                                                 | III  | V23154-Z1015  | 1393824-8   |
| <b>Hold-down springs</b>                                                        |      |               |             |
| for cradle relays N, S and P                                                    | I    | V23154-Z1021  | 1393827-1   |
|                                                                                 | II   | V23154-Z1022  | 1393827-2   |
|                                                                                 | III  | V23154-Z1034  | 1393760-2   |
| for cradle relay W                                                              | I    | V23154-Z1023  | 1393827-3   |
|                                                                                 | II   | V23154-Z1024  | 1393760-1   |

\*) Please note that hold down springs have to be ordered separately.

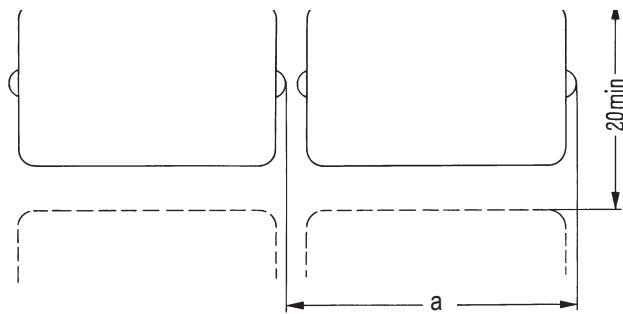
## Cradle Relay Accessories and Mounting (Continued)

### Dimensions

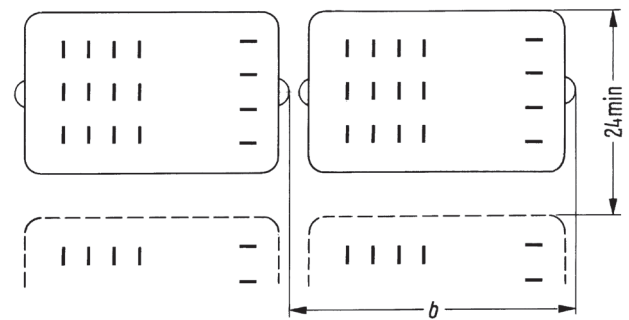
#### Minimum spacings between sockets

| Socket            | Size I | Size II | Size III |
|-------------------|--------|---------|----------|
| Dimension a and b | 27mm   | 33mm    | 39mm     |
| Dimension c       | 42mm   | 48mm    | 54mm     |

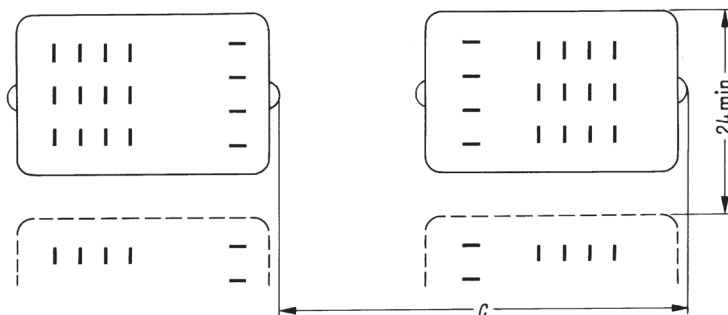
with hold-down spring for cradle relays N, S and P



for cradle relay P  
Relays oriented in the same direction



Relays oriented inversely to each other

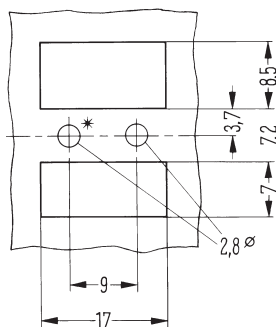


When mounting cradle relay P consideration should be given to magnetic fields. Strong DC magnetic fields, possibly caused by adjacent relays, and large iron masses are the most common causes of interference. Experience has shown that under normal operating conditions the minimum spacings specified for cradle relay P are sufficient to prevent cross interference.

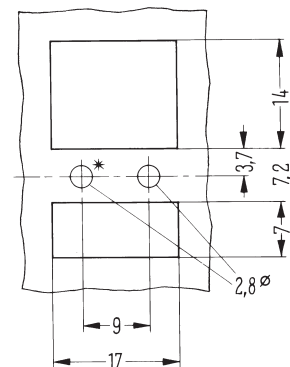
### Mounting hole layout for cradle relays and sockets with hand solder terminals

with hold-down spring for cradle relays N, S and P

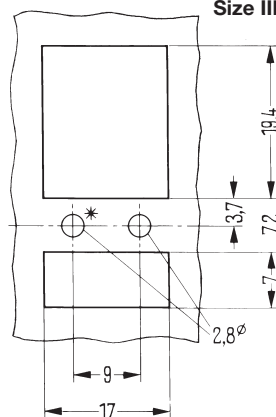
Size I



Size II



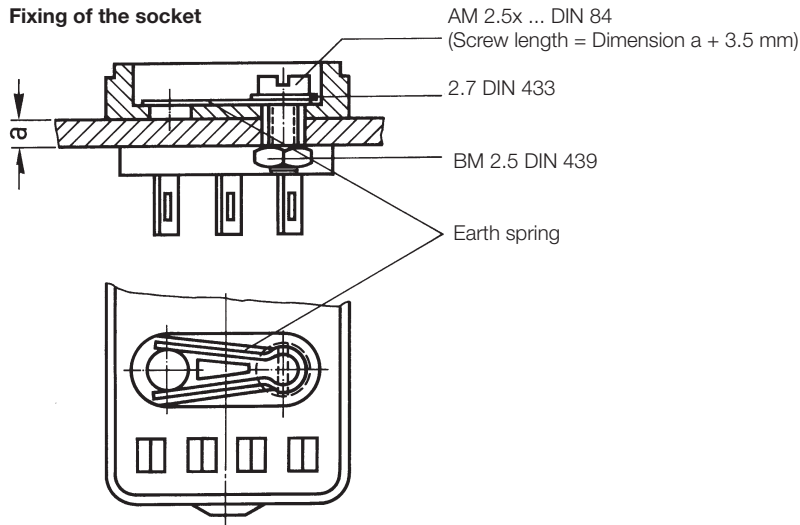
Size III



\*) This hole is omitted when mounting hole layouts is intended for the socket

## Cradle Relay Accessories and Mounting (Continued)

### Fixing of the socket

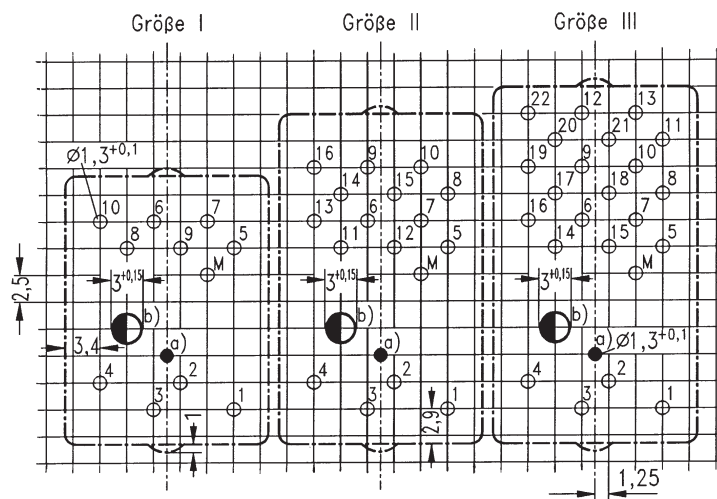


Direct mounting of relays without socket requires a fixing nut M2.5 DIN 934-m6AU. Ordering code: D00934-A0025-S001

### Dimensions

#### Mounting hole layout for sockets with PCB terminals

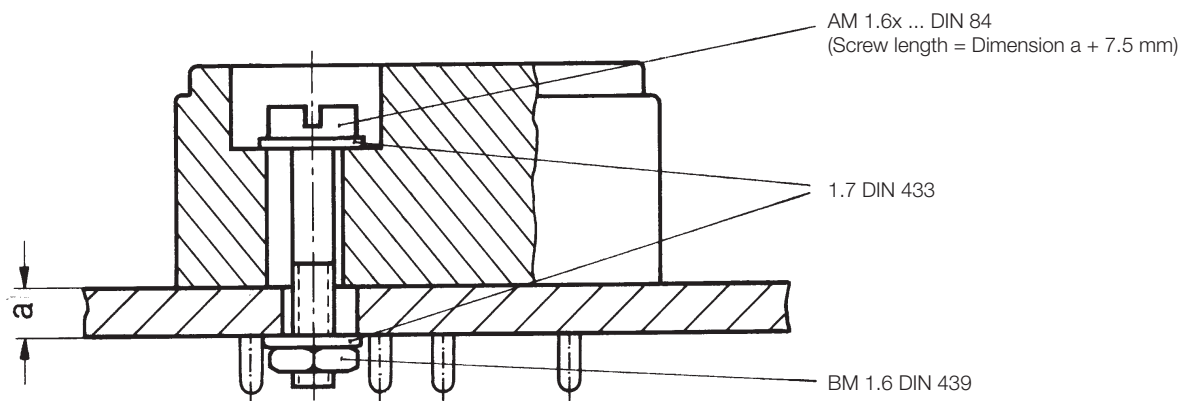
View on the terminals, basic grid 2.5mm according to EN 60097



M = Earth terminal

- a) Hole for mechanical armature actuation, if required
- b) Hole for the socket mounting with screw M1.6

### Fixing of the socket





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.);

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- 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.