

### Typennummer / Identification

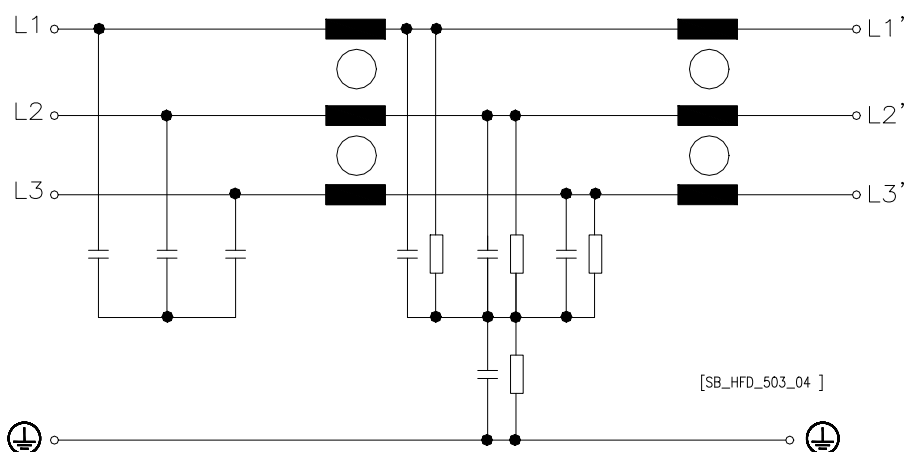
|             |               |                         |
|-------------|---------------|-------------------------|
| BV-Nr       | BV-Nr:        | <b>HFD 503-500/2200</b> |
| Typ - Kunde | Type Customer | -                       |

|            |                |                       |
|------------|----------------|-----------------------|
| Filter Typ | Type of filter | <b>3 ~ EMI Filter</b> |
| Baureihe   | Model Family.  | <b>HFD</b>            |

### Technische Daten / Technical Data

|                    |                      |        |              |           |
|--------------------|----------------------|--------|--------------|-----------|
| Phasenzahl         | No. of phase         |        | <b>3</b>     |           |
| Bemessungsspannung | Rated voltage        | [ V ]  | <b>520</b>   |           |
| Bemessungsfrequenz | Rated frequency      | [ Hz ] | <b>50-60</b> |           |
| Bemessungsstrom    | Rated current        | [ A ]  | <b>2200</b>  |           |
| Ableitstrom        | Max. leakage current | [ A ]  | <b>3,6</b>   | [ 1 ]     |
| Prüfspannung       | High voltage test    | [ V- ] | <b>2150</b>  | Line-line |
|                    |                      |        | <b>2700</b>  | Line-case |

### Prinzipschaltbild / Typical circuit diagram:



### Betriebsbedingungen / Operating conditions

|                     |                      |         |                                                    |
|---------------------|----------------------|---------|----------------------------------------------------|
| Schutzart           | Protection index     |         | <b>IP 00</b>                                       |
| Umgebungstemperatur | Ambient temperature  | [ °C ]  | <b>+50°C</b>                                       |
| Klimaklasse         | Climatic category    |         | <b>25/085/21</b> [ in accordance with EN 60068-1 ] |
| Kühlungsart         | Type of cooling      |         | <b>AN</b>                                          |
| Luftgeschwindigkeit | Air speed            | [ m/s ] | <b>-</b>                                           |
| Betriebsart         | Operating conditions |         | <b>DB</b>                                          |

### Ausführung / Standards

|             |              |                 |
|-------------|--------------|-----------------|
| Typ / Type: | Datum / Date | Zeichen / Signs |
| EN 60939-2  |              |                 |

### Bemerkung / Notes

|                                                                                         |                                                                                          |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| [ 1 ] = Berechnet bei max. Eingangsspannung und dem Ausfall von 2 Phasen ( typ. @50Hz ) | [ 1 ] = Calculated for max. line voltage tolerance, by loss of two phases ( typ @ 50Hz ) |
| [ 2 ] = Bemessen auf die max. zulässige Eingangsspannungsschwankung nach IEC 38 ± 10%.  | [ 2 ] = @ max. allowed voltage fluctuation in accordance with IEC 38 ± 10%               |
| Die angegebenen technischen Daten sind typisch.                                         | Technical specifications are typical.                                                    |
| Material- und fertigungsbedingt können Abweichungen auftreten.                          | They can vary due to material and production tolerances.                                 |

|          |           |             |                                     |           |                  |
|----------|-----------|-------------|-------------------------------------|-----------|------------------|
| Date:    | 27.10.04  | 27.10.04    | Schutzvermerk gemäß DIN 34 beachten | Date:     | HFD 503-500/2200 |
| Name:    | Popp-Gur. | Popp-Gurova |                                     | Änderung  | d                |
| Date:    | 27.10.04  | 27.10.04    | Observe protection clause to DIN 34 | Document  | Filter Vorlage   |
| Checked: | Wesner    | Wesner      |                                     | Abteilung | EWH              |

