

## EMV-Filter - VTEMI35V16A

### FEATURES

- » reduce common and differential mode noise
- » overvoltage protection
- » surge protection
- » overcurrent protection
- » Reverse polarity protection
- » small form factor

### APPLICATIONS

- » Telecommunication
- » Industry
- » Test and measurement
- » Radio

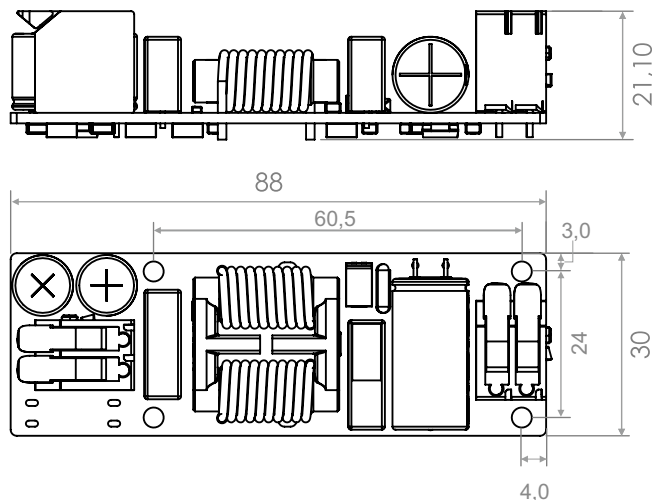
### STANDARDS

- » RoHS
- » EN61000-4-4
- » EN61000-4-5
- » EN61000-4-6

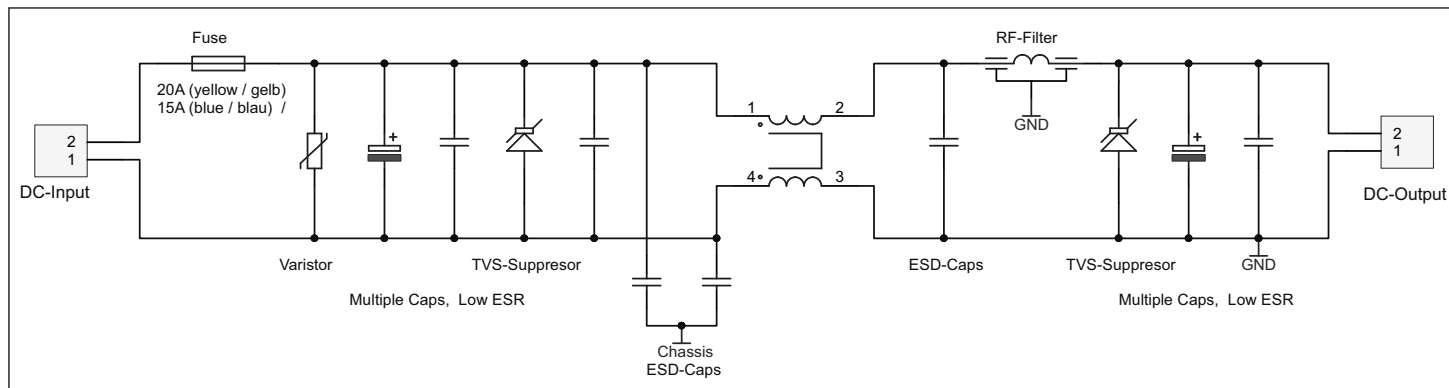
### SPECIFICATION

- |                               |                                    |
|-------------------------------|------------------------------------|
| » Rated voltage               | 36V DC                             |
| » Overvoltage protection      | max. 55V DC                        |
| » EMC-filtering               |                                    |
| Common-Mode:                  | >45dB @ 0,03MHz - 100MHz           |
| Differential-Mode:            | >38dB @ 0,03MHz - 100MHz           |
| » Surge voltage               | 2 kV                               |
| » ESD voltage                 | 4 kV                               |
| » Rated current               | 16 A/10 A (with / without cooling) |
| » DC Resistance               | 20 mΩ                              |
| » Operation temperature range | -40..+85°C                         |
| » Storage temperature range   | -40°C..+60°C                       |
| » Mass (typ.)                 | 64g                                |

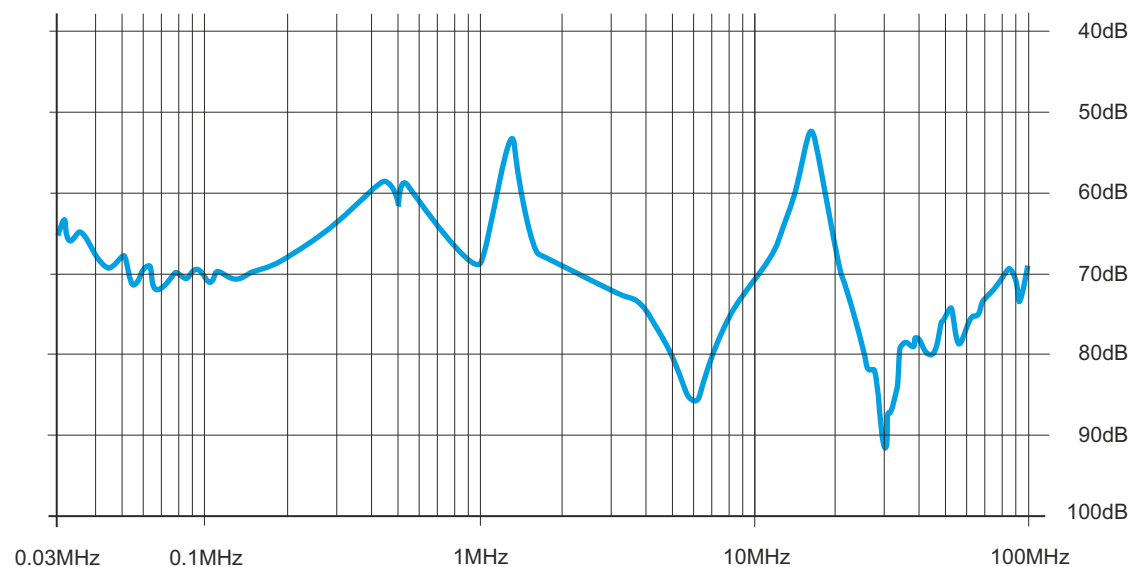
### DIMENSIONS



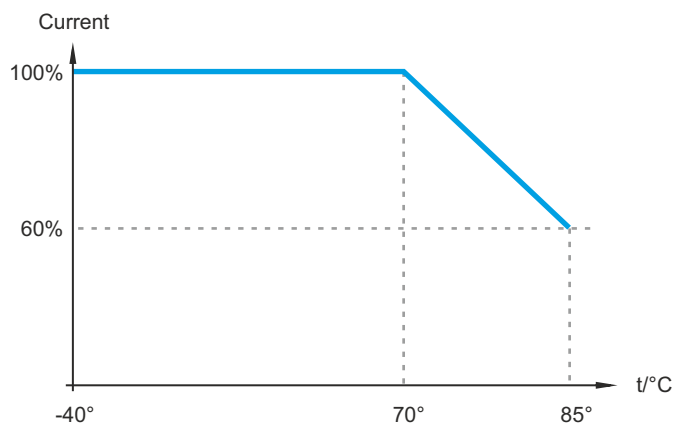
## EQUIVALENT CIRCUIT



## COMMON - MODE - FILTERING



## TEMPERATURE DERATING CURVE





## EMV-Filter - VTEMI35V06A

### FEATURES

- » reduce common and differential mode noise
- » overvoltage protection
- » surge protection
- » overcurrent protection
- » Reverse polarity protection
- » small form factor

### APPLICATIONS

- » Telecommunication
- » Industry
- » Test and measurement
- » Radio

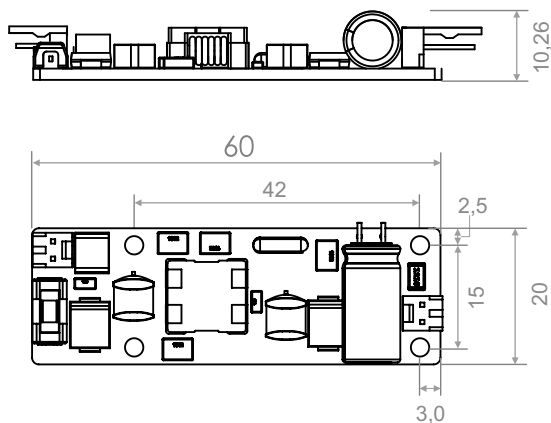
### STANDARDS

- » RoHS
- » EN61000-4-4
- » EN61000-4-5
- » EN61000-4-6

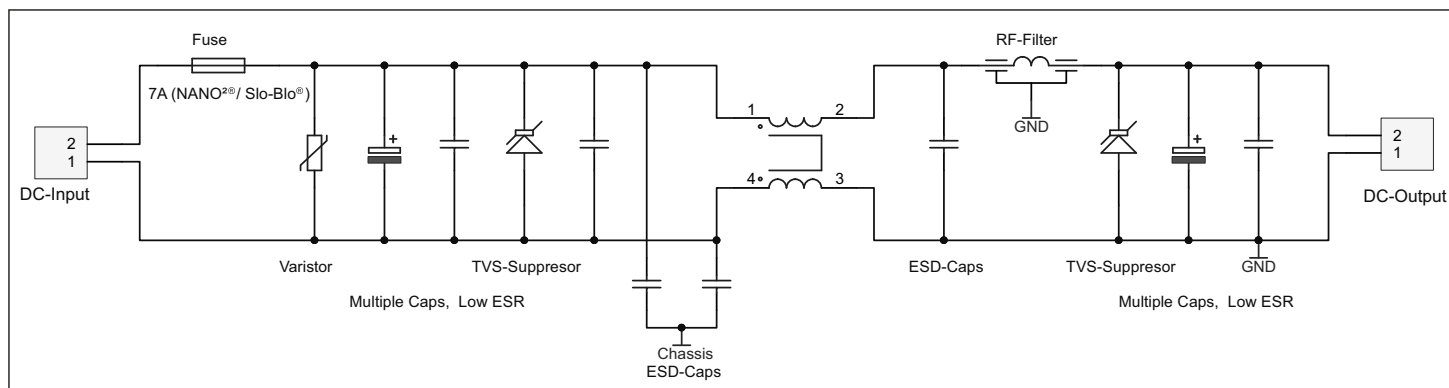
### SPECIFICATION

- |                               |                                    |
|-------------------------------|------------------------------------|
| » Rated voltage               | 36V DC                             |
| » Overvoltage protection      | max. 55V DC                        |
| » EMC-filtering               |                                    |
| Common-Mode:                  | >45dB @ 0,03MHz - 100MHz           |
| Differential-Mode:            | >35dB @ 0,03MHz - 100MHz           |
| » Surge voltage               | 2 kV                               |
| » ESD voltage                 | 2 kV                               |
| » Rated current               | 6 A / 4 A (with / without cooling) |
| » DC Resistance               | 45 mΩ                              |
| » Operation temperature range | -40..+85°C                         |
| » Storage temperature range   | -40°C..+60°C                       |
| » Mass (typ.)                 | 14g                                |

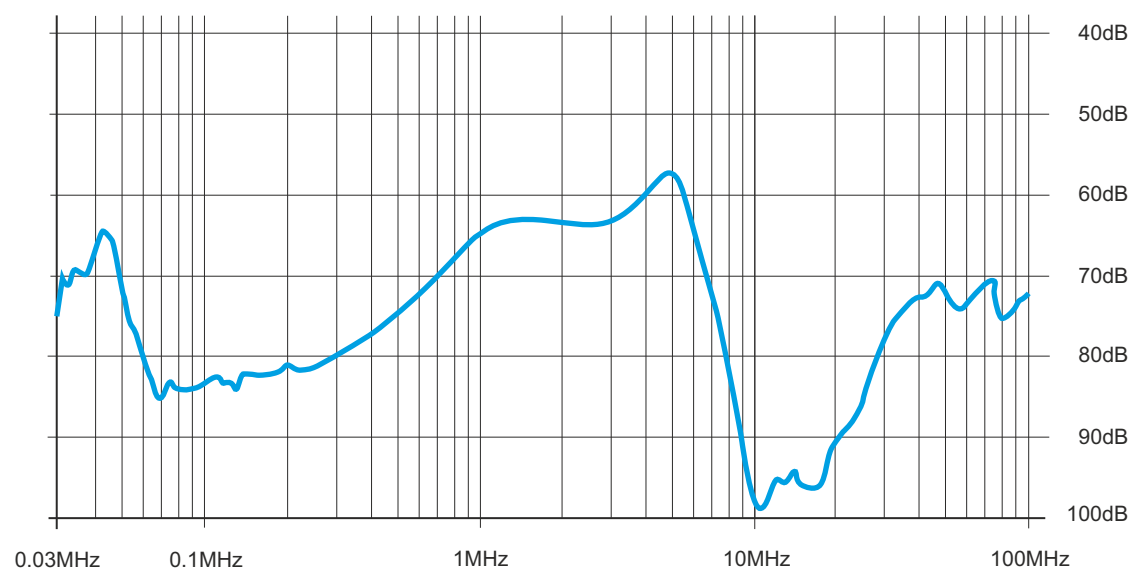
### DIMENSIONS



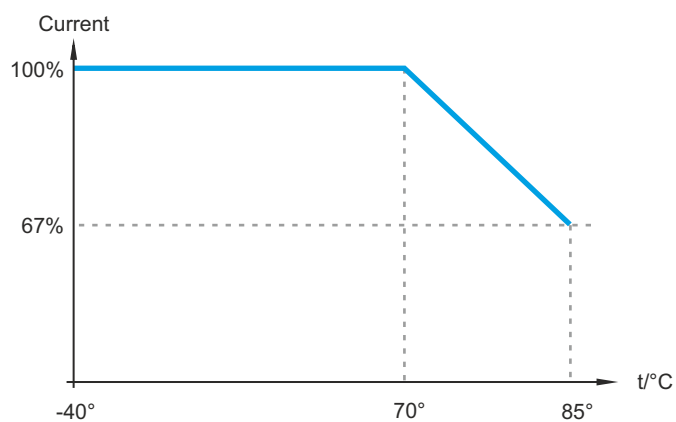
## EQUIVALENT CIRCUIT



## COMMON - MODE - FILTERING



## TEMPERATURE DERATING CURVE





## VTQ 1CH-DVR SD OEM

### SPEZIFIKATION

Kategorie	Rekorder (DVR)
Eingänge	1x Video IN (RCA) 1x Audio IN (RCA) 1x Alarm IN (Terminal)
Ausgänge	1x Video OUT (RCA) 1x Audio OUT (RCA)
Auflösung	704x576 Pixel
Speicher	SD-Card (SDHC bis 32GB)
Spannungsversorgung	4.5-14.7V DC / 150mA@12V
Abmessungen	38 x 38 x 10mm
Gewicht	29g

### AUSSTATTUNG

- » kleiner Recorder zum Einbau
- » sehr klein, ideal für mobile Anwendungen
- » Viele Einstellmöglichkeiten
- » Bewegungserkennung
- » SD-Karte bis zu 32Gb
- » SD Auflösung Pal/NTSC bis zu 720 x 576 px

### SPECIFICATION

Category	Recorder (DVR)
Inputs	1x Video IN (RCA) 1x Audio IN (RCA) 1x Alarm IN (Terminal)
Outputs	1x Video OUT (RCA) 1x Audio OUT (RCA)
Resolution	704x576 pixel
Memory	SD-Card (SDHC up to 32GB)
Power supply	4.5-14.7V DC / 150mA@12V
Dimensions	38 x 38 x 10mm
Weight	29g

### FEATURES

- » small recorder for integration
- » very small size, very good for mobile application
- » diverse control options
- » integrated motion detection
- » SD-card up to 32Gb
- » SD resolution Pal/NTSC up to 720 x 576 px

VTQ 1CH-DVR SD OEM

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