

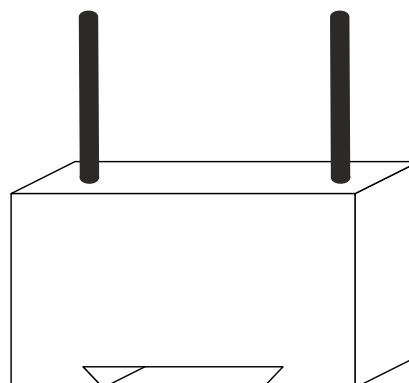
Murrelektronik GmbH
Falkenstraße 3
71570 Oppenweiler
GERMANY

Fon +49 7191 47-0
Fax +49 7191 47-491000
info@murrelektronik.com

Document	Version
Product Data	1.1

Murrelektronik-Suppression Module

- Protects systems and devices from induced voltage peaks
- Installation as close as possible to the source of interference
- RC elements must not be operated with a frequency converter



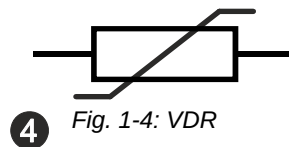
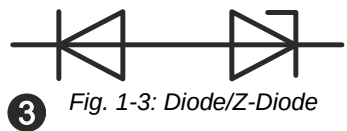
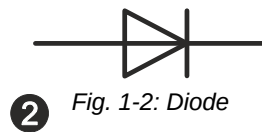
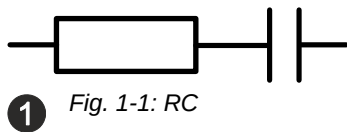
Art.-No.	Product designation	
20030	RC-BU1-3,3/48	
20031	RC-BU1-022/230	
20032	RC-BU1-015/400	
20033	RC-BU1-047/230	
20034	RC-BU1-022/230-with ASA	
26020	LG-BU 1/240	
26130	LGZ-BU 1/24	
26150	VG-UB 1/24	
26155	VG-UB 1/230	



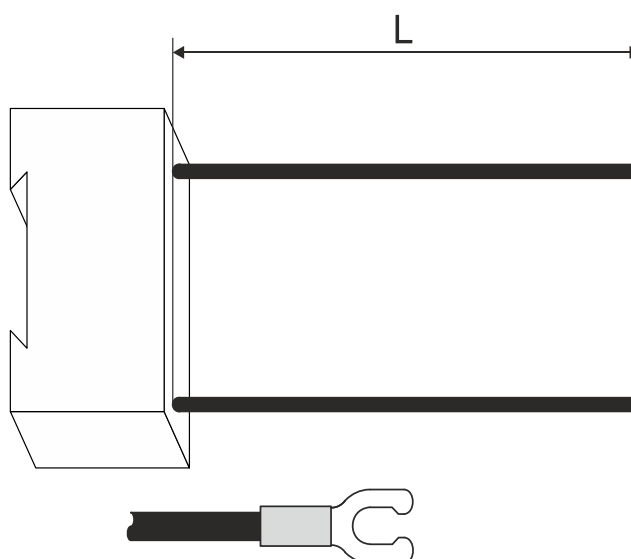
Planning information, background information and accessories can be found at:
<http://shop.murrelektronik.com>

1 Electrical data

Electrical data								
Art.-No.	Nominal voltage	Frequency	Shutdown peak voltage	max. hold on power	max. switch frequency	Conne- tion type	Phases	Values
20030	≤48 V AC/DC	0...60 Hz	≤110 V	25 W	0.5 Hz	①	1	3.3μF/ 100R
20031	≤230 V AC/DC	0...60 Hz	≤529 V	25 W	0.5 Hz	①	1	0.22μF/ 220R
20032	≤400 V AC	50...60 Hz	≤920 V	25 W	0.5 Hz	①	1	0.15μF/ 470R
20033	≤230 V AC/DC	0...60 Hz	≤414 V	25 W	0.5 Hz	①	1	0.47μF/ 470R
20034	≤230 V AC/DC	0...60 Hz	≤529 V	25 W	0.5 Hz	①	1	0.22μF/ 220R
26020	24...240V DC	-	≤1,2 V	50 W	0.5 Hz	②	1	GP50M
26130	0...240V DC	-	≤30 V	50 W	0.5 Hz	③	1	GP15M/ ZY27
26150	≤24 V AC/DC	0...60 Hz	≤50 V	50 W	0.5 Hz	④	1	S07
26155	≤230 V AC/DC	0...60 Hz	≤470 V	200 W	0.5 Hz	④	1	S14



Connection					
Art.-No.	Wire	UL Style	Length (L in mm)	Connection	Connection size
20030	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
20031	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
20032	AWG22	1015	230 +/-10	Fork cable lug	M3 ... M4
20033	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
20034	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
26020	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
26130	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
26150	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4
26155	AWG22	1007	230 +/-10	Fork cable lug	M3 ... M4



2 Environmental characteristics

Ambient temperature range		-20 °C ... +60 °C
Storage temperature		-55 °C ... +80 °C
Installation height	Above mean sea level	≤2000 m
Relative humidity	No condensation	5 ... 85 %
Climatic class	IEC/EN60721-3-3	3K3

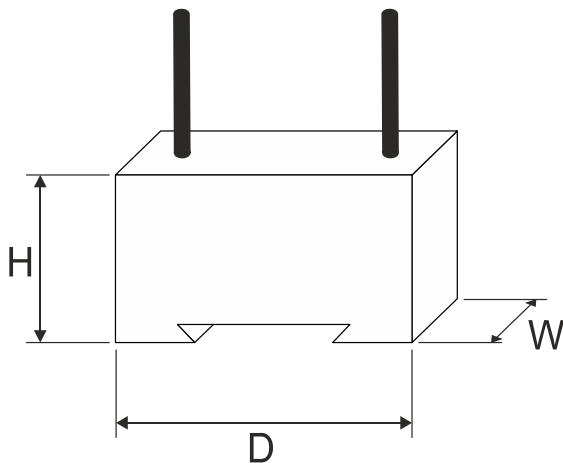
3 Protection

Degree of pollution		3
Overvoltage category		III

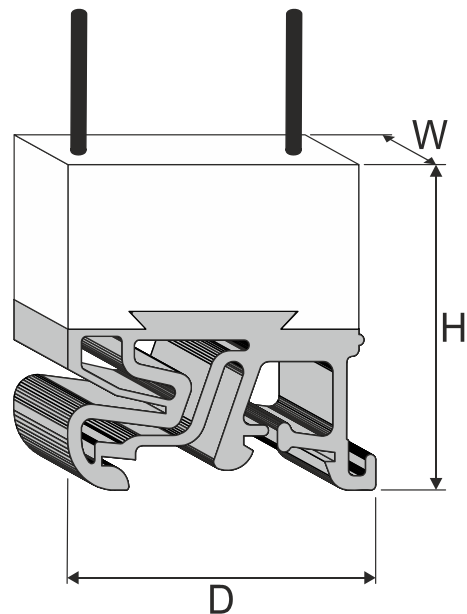
4 Mechanical data

Housing material		plastic
Flame resistance	EN60695	of low flammability
Flammability	UL94	V0

Art.-No.	Weight net	Fastening	Dimensions (W/D/H in mm)	Depiction
20030	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
20031	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
20032	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
20033	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
20034	20 g	For mounting on DIN rails according to DIN EN 60715	12.1 x 45.5 x 45.4	②
26020	20 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
26130	20 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
26150	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①
26155	15 g	With adhesive film, for mounting on DIN rails according to DIN EN 60715	12.1 x 43 x 22.8	①



① Fig. 4-1: Housing without snap-in fastening



② Fig. 4-2: Housing with snap-in fastening

5 Conformity, Approvals

CE	2011/65/EU	EU-Doc
UKCA		
cURus	UL508, C22.2 No. 14-10	E140415
RoHS	2011/65/EU & 2015/863	
EAC	TR CU 004, TR CU 020	RUC-DE.A301.B.03875
REACH	Nr. 1907/2006	SVHC List 01.2020
WEEE	2012/19/EU	
China RoHS	SJ/T 11364-2014	e20 EPUP

Hazardous substance (有害物質)						
	Part Name 零件名稱	Lead (Pb) 鉛	Mercury (Hg) 汞	Cadmium (Cd) 鎘	Hexavalent Chromium (Cr (VI)) 六价铬	Polybrominated biphenyls (PBB) 多溴联苯 Polybrominated diphenyl ethers (PBDE) 多溴联苯醚
	Component part PCB 组件部分 印刷电路板	X	O	O	O	O
O: Indicates that the content of the harmful substance in all homogeneous materials of the component part is below the limit defined in GB/T 26572. O: 表明該有害物質在組成部分的所有均質材料的含量低於按GB/ T26572定義的限制。 X: Indicates that the content of the harmful substance in at least one homogeneous material of the component part exceeds the limit defined in GB/T 26572. X: 表示該有害物質在組成部分中的至少一個均質材料的含量超過按GB / T26572定義的限制。						