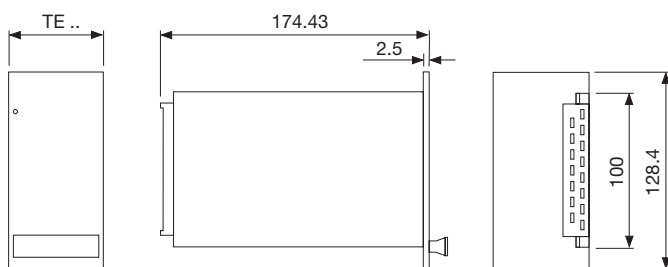


- 19" plug-in module
- Primary/secondary insulation 3000 VAC
- Overvoltage protection
- Output permanent short-circuit proof
- Ripple at output < 25 mV_{pp}
- Interference emission according to EN 55011 / EN 55022 Class B
- Outputs SELV according to EN 60950



3HE

Front panel: 7TE - 35.2
Handle width: 3TE

ORDER DATA						Order numbers in italics			
Vo1 V	Io1 A	Vo2 V	Io2 A	Width TE	Height HE	Type No. for input voltage ranges			
						8.5 - 18 VDC	18 - 40 VDC	40 - 80 VDC	80 - 160 VDC
+ 5	0 - 5	+12	0 - 3	7	3	DG26-05121-1G <i>15.8440.009</i>	DG26-05121-2G <i>15.8440.409</i>	DG26-05121-3G <i>15.8440.809</i>	DG26-05121-4G <i>15.8441.209</i>
+ 5	0 - 5	+15	0 - 2	7	3	DG26-05151-1G <i>15.8440.109</i>	DG26-05151-2G <i>15.8440.509</i>	DG26-05151-3G <i>15.8440.909</i>	DG26-05151-4G <i>15.8441.309</i>
+12	0 - 3	-12	0 - 3	7	3	DG26-12031-1G <i>15.8440.209</i>	DG26-12031-2G <i>15.8440.609</i>	DG26-12031-3G <i>15.8441.009</i>	DG26-12031-4G <i>15.8441.409</i>
+15	0 - 2	-15	0 - 2	7	3	DG26-15021-1G <i>15.8440.309</i>	DG26-15021-2G <i>15.8440.709</i>	DG26-15021-3G <i>15.8441.109</i>	DG26-15021-4G <i>15.8441.509</i>
Additionally:									
Front panel (nature anodized)						<i>33.1584.001.011</i>			
Assembly kit for DIN-rail						<i>15.7140.000.190</i>			
Assembly kit for wall mounting						<i>15.7140.000.290</i>			

**DC / DC POWER SUPPLY
WITH GALVANIC INSULATION
DOUBLE OUTPUT
DG 26 SERIES**

INPUT	OPERATING DATA																
Input voltage range see table	Temperature range 0...+70°C, at free convection																
Efficiency > 70% - 85%	Derating 3%/K at +50°C (see diagram)																
Fuse Graduated according to Vi -1/-2/-3/-4 25 / 10 / 6.3 / 3.15 AT	Weight 0.45 kg																
OUTPUT	Ventilation from bottom to top of the power supply and the housing-specific heatradiation must not be obstructed when installing the power supply. Ensure fire protection by means of the surrounding housing system. In general, kindly refer to the MGW user instructions before use.																
Adjustment range ±5%	MECHANICS																
Operation indicator Green LED for Vo1, Vo2	Dimensions 19" plug-in module according to DIN 41494 Part 5																
Ripple < 25 mV _{pp}	Connection Connector H 15 / DIN 41612 codable																
Noise voltage < 80 mV _{pp} typ. (total of all noise components)	PIN CONNECTIONS DG 26-05121 and DG 26-05151																
Temperature coefficient ≤ 0.025%/K	<table border="1" style="margin: auto;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIN 41612H15</td> <td style="width: 20px; text-align: center;">30</td> <td style="width: 20px; text-align: center;">26</td> <td style="width: 20px; text-align: center;">22</td> <td style="width: 20px; text-align: center;">18</td> <td style="width: 20px; text-align: center;">14</td> <td style="width: 20px; text-align: center;">10</td> <td style="width: 20px; text-align: center;">6</td> </tr> <tr> <td></td> <td style="text-align: center;">-Ue</td> <td style="text-align: center;">+5VF</td> <td style="text-align: center;">+12VL +15VL</td> <td style="text-align: center;">OVL</td> <td style="text-align: center;">+5VL</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">1)</td> </tr> </table>	DIN 41612H15	30	26	22	18	14	10	6		-Ue	+5VF	+12VL +15VL	OVL	+5VL	1)	1)
DIN 41612H15	30	26	22	18	14	10	6										
	-Ue	+5VF	+12VL +15VL	OVL	+5VL	1)	1)										
Switch on/switch off performance No overshooting of Vo (soft-start)	<table border="1" style="margin: auto;"> <tr> <td style="width: 20px; text-align: center;">32</td> <td style="width: 20px; text-align: center;">28</td> <td style="width: 20px; text-align: center;">24</td> <td style="width: 20px; text-align: center;">20</td> <td style="width: 20px; text-align: center;">16</td> <td style="width: 20px; text-align: center;">12</td> <td style="width: 20px; text-align: center;">8</td> <td style="width: 20px; text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">PE ⊕</td> <td style="text-align: center;">+Ue</td> <td style="text-align: center;">+12VF +15VF</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">OVL</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">OVF</td> <td style="text-align: center;">1)</td> </tr> </table>	32	28	24	20	16	12	8	4	PE ⊕	+Ue	+12VF +15VF	1)	OVL	1)	OVF	1)
32	28	24	20	16	12	8	4										
PE ⊕	+Ue	+12VF +15VF	1)	OVL	1)	OVF	1)										
Run-up time < 500 ms	ATTENTION: OVL-Connections have to be connected external!																
REGULATION	PIN CONNECTIONS DG 26-12031 and DG 26-15021																
Line regulation < 0.2% for Vo at V _{imin} - V _{imax} according to table	<table border="1" style="margin: auto;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIN 41612H15</td> <td style="width: 20px; text-align: center;">30</td> <td style="width: 20px; text-align: center;">26</td> <td style="width: 20px; text-align: center;">22</td> <td style="width: 20px; text-align: center;">18</td> <td style="width: 20px; text-align: center;">14</td> <td style="width: 20px; text-align: center;">10</td> <td style="width: 20px; text-align: center;">6</td> </tr> <tr> <td></td> <td style="text-align: center;">-Ue</td> <td style="text-align: center;">+12VF +15VF</td> <td style="text-align: center;">-12VL -15VL</td> <td style="text-align: center;">OVL</td> <td style="text-align: center;">+12VL +15VL</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">1)</td> </tr> </table>	DIN 41612H15	30	26	22	18	14	10	6		-Ue	+12VF +15VF	-12VL -15VL	OVL	+12VL +15VL	1)	1)
DIN 41612H15	30	26	22	18	14	10	6										
	-Ue	+12VF +15VF	-12VL -15VL	OVL	+12VL +15VL	1)	1)										
Load regulation < 0.2% for Vo at I _o 0 - 100%	<table border="1" style="margin: auto;"> <tr> <td style="width: 20px; text-align: center;">32</td> <td style="width: 20px; text-align: center;">28</td> <td style="width: 20px; text-align: center;">24</td> <td style="width: 20px; text-align: center;">20</td> <td style="width: 20px; text-align: center;">16</td> <td style="width: 20px; text-align: center;">12</td> <td style="width: 20px; text-align: center;">8</td> <td style="width: 20px; text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">PE ⊕</td> <td style="text-align: center;">+Ue</td> <td style="text-align: center;">-12VF -15VF</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">OVL</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">OVF</td> <td style="text-align: center;">1)</td> </tr> </table>	32	28	24	20	16	12	8	4	PE ⊕	+Ue	-12VF -15VF	1)	OVL	1)	OVF	1)
32	28	24	20	16	12	8	4										
PE ⊕	+Ue	-12VF -15VF	1)	OVL	1)	OVF	1)										
Response time < 1 ms at I _o 20 - 80%	1) internally connected																
PROTECTION AND CONTROLLING	EXPLANATION																
Overvoltage protection Input: > 100% of V _{imax} Output: 125% ±5% V _{nominal} , automatically repeating	PE ⊕ Protective conductor																
Current limitation typ. 110% I _{nominal} straight characteristic (see diagram) Output permanent short-circuit proof	Ue Input																
SAFETY	L Load connection																
IEC 950, EN 60950 / VDE 0805 Safety Class I, VDE 0100	F Sense connection (signal line)																
Insulation voltage Input / Output 3000 VAC	OVL Common ground for Vo1/Vo2																
EMC	Sense lines For a safe operating mode of the device it is mandatory to connect +L with +F, -L with -F, and OVL with OVF. Maximum voltage compensation of 0.25 V for each line.																
Interference suppression/interference immunity EN 50082-2: 1992 EN 61000-4-2 Intensity 4 EN 61000-4-3 Noise level 10 V/m EN 61000-4-4 Intensity 4 EN 61000-4-5 Intensity 3 EN 61000-4-6 Noise level 10 V EN 61000-4-11																	
Interference emission EN 50081-1: 1992 EN 55011 / EN 55022 Class B, interference transmission depends on assembly																	

