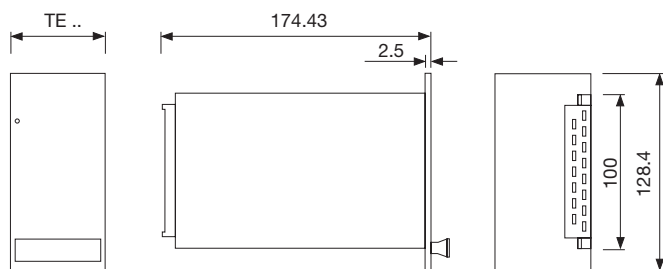




- 19" plug-in module
- Wide range input 99 - 264 VAC
- EMC Standards EN 50081-1 and EN 50082-2
- All outputs permanent short-circuit proof
- Outputs SELV according to EN 60950
- Overtemperature protection
- Optional Power-Fail and ACFAIL signal
- Assembly kit for DIN-rail or wall mounting
- Additional pin connections upon request



3HE

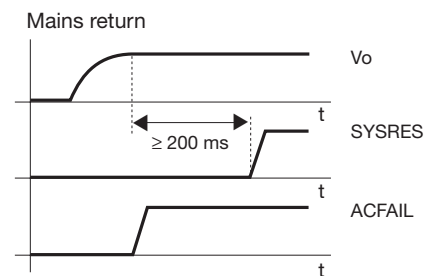
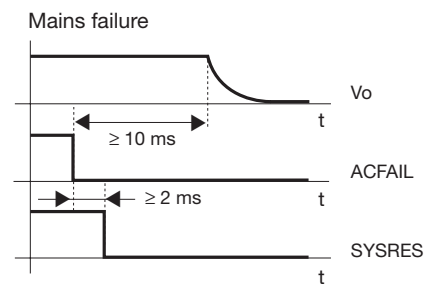
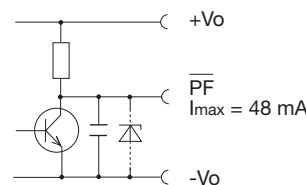
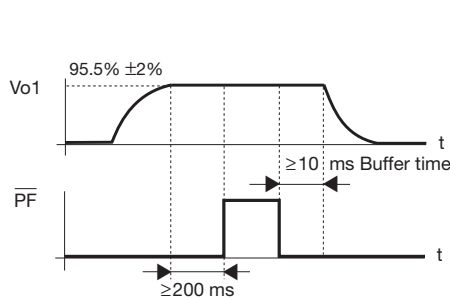
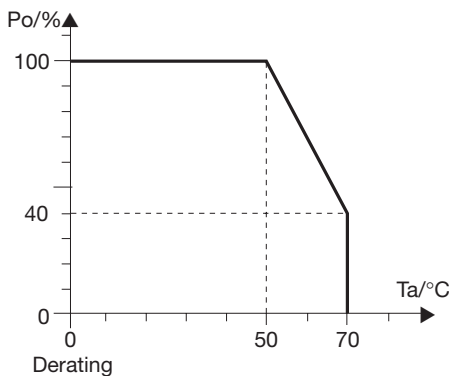
Front panel: 8TE - 40.3

Handle width: 3TE

ORDER DATA							<i>Order numbers in italics</i>			
Vo1 V	Io1 A	Vo2 V	Io2 A	Vo3 V	Io3 A	Width TE	Height HE	Type No. PF-signal	Type No. ACFAIL-signal	
+5.15	0 - 7	+12	0 - 1.0	-12	0 - 1.0	8	3	P3052-05121PF <i>15.7540.602</i>	P3052-05121AC <i>15.7540.604</i>	
+5.15	0 - 7	+15	0 - 0.8	-15	0 - 0.8	8	3	P3052-05151PF <i>15.7540.702</i>	P3052-05151AC <i>15.7540.704</i>	
Additionally:										
Front panel (nature anodized)						33.1571.006.011				
Assembly kit for DIN-rail						15.7140.000.190				
Assembly kit for wall mounting						15.7140.000.290				

**AC / DC POWER SUPPLY
PRIMARY SWITCHED MODE
TRIPLE OUTPUT
P 3052 SERIES**

INPUT	SAFETY																															
Input voltage range AC 99 - 264 V, 50/60 Hz	IEC 950, EN 60950 / VDE 0805 Safety Class I, VDE 0100																															
Efficiency typ. 73%	EMC																															
Input current limitation $\leq 10 A_{peak}$ typ. – in cold state $\leq 15 A_{peak}$ typ. – in hot state																																
Fuse 3.15 AT	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 4 EN 61000-4-11																															
OUTPUT	Interference emission EN 50081-1: 1992 EN 55011 / EN 55022 Class B, interference transmission depends on assembly																															
Tolerance < 1% at Vo1, < 3% at Vo2, Vo3	OPERATING DATA																															
Operation indicator Green LED for Vo1																																
Ripple Vo1 < 40 mV _{pp} , Vo2, Vo3 < 10 mV _{pp}	Temperature range 0...+70°C, at free convection																															
Noise voltage 50 mV _{pp} typ. (band width 20 MHz)	Derating 3% / K at +50°C (see diagram)																															
Temperature coefficient $\leq 0.025\%$ / K	Weight 0.5 kg																															
Switch on/switch off performance No overshooting of Vo (soft-start)	Ventilation from bottom to top of the power supply and the housing-specific heat radiation 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.																															
Rise-delay time < 1 ms (< 1.5 ms bei Vi < 140 VAC)																																
Run-up time ≤ 50 ms	MECHANICS																															
REGULATION	Dimensions 19" plug-in module according to DIN 41494 Part 5																															
Line regulation < 0.2% for all Vo at Vi 99 - 264 V	Connection Connector H 15 / DIN 41612 codable																															
Load regulation < 1% for all Vo at Io 0 - 100%	PIN CONNECTIONS																															
Response time < 1 ms at Io 20 - 80%																																
PROTECTION AND CONTROLLING	Overvoltage protection 125% \pm 5% for Vo1, 125% \pm 10% for Vo2 and Vo3 automatically repeating																															
Overload protection At exceeding the total output of Pa = 65 W. automatically repeating	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td rowspan="2" style="writing-mode: vertical-rl; transform: rotate(180deg);">H15 DIN 41612</td> <td>30</td> <td>26</td> <td>22</td> <td>18</td> <td>14</td> <td>10</td> <td>6</td> </tr> <tr> <td>N</td> <td>near mains</td> <td>-12VL -15VL</td> <td>1)</td> <td>OVL</td> <td>OVL</td> <td>1)</td> </tr> <tr> <td>32</td> <td>28</td> <td>24</td> <td>20</td> <td>16</td> <td>12</td> <td>8</td> <td>4</td> </tr> <tr> <td>PE ⊕</td> <td>L1</td> <td>PF ACFAIL</td> <td>+12VL +15VL</td> <td>SYS- RESET</td> <td>+5VL</td> <td>+5VL</td> <td>1)</td> </tr> </table>	H15 DIN 41612	30	26	22	18	14	10	6	N	near mains	-12VL -15VL	1)	OVL	OVL	1)	32	28	24	20	16	12	8	4	PE ⊕	L1	PF ACFAIL	+12VL +15VL	SYS- RESET	+5VL	+5VL	1)
H15 DIN 41612			30	26	22	18	14	10	6																							
	N	near mains	-12VL -15VL	1)	OVL	OVL	1)																									
32	28	24	20	16	12	8	4																									
PE ⊕	L1	PF ACFAIL	+12VL +15VL	SYS- RESET	+5VL	+5VL	1)																									
Current limitation For Vo2, Vo3: 1.1 - 2.0 A, straight characteristic. with switch off at thermal overload	1) internally connected Additional connections available!																															
Overtemperature protection Switches off when inside temperature becomes too high, switches on again with hysteresis. (Buffer time not secured)	EXPLANATION																															
Mains buffering 20 ms at 100% load																																
Power-Fail (see diagram) The transistor for the PF-signal is blocked, if the output voltage reached a value > 95% of the nominal output voltage. The transistor becomes conductive > 10 ms before the output voltage drops.	PE ⊕ Protective conductor Do not use supply without PE-connection!																															
Signals ACFAIL and SYSRESET TTL-signals with 48 mA drive current, open-collector and low-active-level	L1 / N Mains phase / neutral conductor L Load connection OVL Common ground for Vo1, Vo2, Vo3																															



Signals ACFAIL / SYSRESET