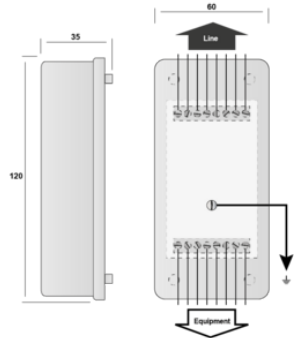
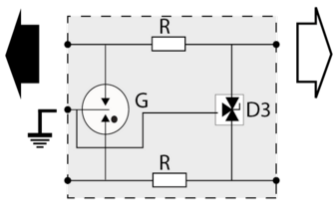


B480-12D3



- 4-pair surge protection unit
- 12 V
- Removable
- Wall mounting and screw connection
- UL497 A&B



	<table border="1"> <thead> <tr> <th colspan="3">Electrical Characteristics</th> </tr> </thead> <tbody> <tr> <td>Network</td> <td></td> <td>RS232, RS485</td> </tr> <tr> <td>Nominal line voltage</td> <td>Un</td> <td>12 V</td> </tr> <tr> <td>Max. DC operating voltage</td> <td>Uc</td> <td>15 Vdc</td> </tr> <tr> <td>Max. frequency</td> <td>f max.</td> <td>> 3 MHz</td> </tr> <tr> <td>Insertion loss</td> <td></td> <td>< 1 dB</td> </tr> <tr> <td>Max. discharge current max. withstand @ 8/20 μs by pole</td> <td>Imax</td> <td>20 kA</td> </tr> <tr> <td>Line inductance</td> <td></td> <td>No</td> </tr> <tr> <td>Protection mode(s)</td> <td></td> <td>Common/Differential mode</td> </tr> <tr> <td>Protection levelFollowing the test category C3 (IEC61643-21) - Line/Line</td> <td>Up</td> <td>30 V</td> </tr> <tr> <td>Protection levelFollowing the test category C3 (IEC61643-21) - Line/PE</td> <td>Up</td> <td>20 V</td> </tr> <tr> <td>Type of diagram</td> <td></td> <td>B</td> </tr> <tr> <td>Line resistance</td> <td></td> <td>< 4.7 Ohm</td> </tr> </tbody> </table>	Electrical Characteristics			Network		RS232, RS485	Nominal line voltage	Un	12 V	Max. DC operating voltage	Uc	15 Vdc	Max. frequency	f max.	> 3 MHz	Insertion loss		< 1 dB	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA	Line inductance		No	Protection mode(s)		Common/Differential mode	Protection levelFollowing the test category C3 (IEC61643-21) - Line/Line	Up	30 V	Protection levelFollowing the test category C3 (IEC61643-21) - Line/PE	Up	20 V	Type of diagram		B	Line resistance		< 4.7 Ohm															
Electrical Characteristics																																																							
Network		RS232, RS485																																																					
Nominal line voltage	Un	12 V																																																					
Max. DC operating voltage	Uc	15 Vdc																																																					
Max. frequency	f max.	> 3 MHz																																																					
Insertion loss		< 1 dB																																																					
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	20 kA																																																					
Line inductance		No																																																					
Protection mode(s)		Common/Differential mode																																																					
Protection levelFollowing the test category C3 (IEC61643-21) - Line/Line	Up	30 V																																																					
Protection levelFollowing the test category C3 (IEC61643-21) - Line/PE	Up	20 V																																																					
Type of diagram		B																																																					
Line resistance		< 4.7 Ohm																																																					
 <p>G: 3-electrode gas tube R: Resistor D3: 3-pole clamping diode</p>	<table border="1"> <thead> <tr> <th colspan="3">Mechanical Characteristics</th> </tr> </thead> <tbody> <tr> <td>Technology</td> <td></td> <td>GDT+Clamping diode</td> </tr> <tr> <td>SPD configuration</td> <td></td> <td>4 pairs</td> </tr> <tr> <td>Connection to Network</td> <td></td> <td>By screw terminal: cross section 0.4-1.5mm²</td> </tr> <tr> <td>Format</td> <td></td> <td>Wall mounting box</td> </tr> <tr> <td>Mounting</td> <td></td> <td>Wall mounting by screws (not supplied)</td> </tr> <tr> <td>Housing material</td> <td></td> <td>Thermoplastic UL94 V-0</td> </tr> <tr> <td>Operating temperature</td> <td>Tu</td> <td>-40/+85°C</td> </tr> <tr> <td>Protection rating</td> <td></td> <td>IP20</td> </tr> <tr> <td>Failsafe mode</td> <td></td> <td>Short-circuit - transmission cut-off - fault mode 2</td> </tr> <tr> <td>Spare module(s)</td> <td></td> <td>S480-12D3</td> </tr> <tr> <td>Remote signaling of disconnection</td> <td></td> <td>No</td> </tr> <tr> <td>Dimensions</td> <td></td> <td>See diagram</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Standards</th> </tr> </thead> <tbody> <tr> <td>Standards compliance</td> <td></td> <td>IEC 61643-21 / EN 61643-21 / UL497A</td> </tr> <tr> <td>Certification</td> <td></td> <td>UL listed</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Part number</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>72792</td> </tr> </tbody> </table>	Mechanical Characteristics			Technology		GDT+Clamping diode	SPD configuration		4 pairs	Connection to Network		By screw terminal: cross section 0.4-1.5mm ²	Format		Wall mounting box	Mounting		Wall mounting by screws (not supplied)	Housing material		Thermoplastic UL94 V-0	Operating temperature	Tu	-40/+85°C	Protection rating		IP20	Failsafe mode		Short-circuit - transmission cut-off - fault mode 2	Spare module(s)		S480-12D3	Remote signaling of disconnection		No	Dimensions		See diagram	Standards			Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A	Certification		UL listed	Part number					72792
Mechanical Characteristics																																																							
Technology		GDT+Clamping diode																																																					
SPD configuration		4 pairs																																																					
Connection to Network		By screw terminal: cross section 0.4-1.5mm ²																																																					
Format		Wall mounting box																																																					
Mounting		Wall mounting by screws (not supplied)																																																					
Housing material		Thermoplastic UL94 V-0																																																					
Operating temperature	Tu	-40/+85°C																																																					
Protection rating		IP20																																																					
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2																																																					
Spare module(s)		S480-12D3																																																					
Remote signaling of disconnection		No																																																					
Dimensions		See diagram																																																					
Standards																																																							
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497A																																																					
Certification		UL listed																																																					
Part number																																																							
		72792																																																					