

Stabilised switched mode power supplies - single/two-phase and three-phase



Technical characteristics p. 507
Protection p. 509-510

Conforming to standards UL 508, IEC EN 62368-1 and IEC EN 61204-3
UL-approved in USA (and Canada for Cat. Nos. 1 466 54/63/82)
Operating frequency: 50/60 Hz
Output voltage present indicator
Potentiometer for adjusting the output voltage on front panel
Integrated short-circuit and overload protection
With signal or relay contact for feedback on the status of the active output voltage
Connection with copper conductors only
For mounting on a symmetrical rail \perp depth 7.5 mm and 15 mm

Pack	Cat.Nos	Single/two-phase 120 - 480 W wide input voltage range								
		Suitable for single or two-phase networks Also suitable for three-phase networks, when using 2 phases only Low harmonic pollution due to the integrated PFC filter (from 240 W) Adjustable output voltage Aluminium casing Input voltage: 200 to 500 V\sim Output voltage: 12 V\equiv								
1	1 466 54	<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>10</td> <td>12 to 15</td> <td>40</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	120	10	12 to 15	40
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		Input voltage: 200 to 500 V\sim Output voltage: 48 V\equiv								
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480	10	48 to 55	86							
		Three-phase 960 W								
		Operation possible on 2 phases (80% of the nominal power) Low harmonic pollution due to the integrated PFC filter Adjustable output voltage Aluminium casing Input voltage: 3 x 380 to 500 V\sim Output voltage: 24 V\equiv								
1	1 466 36	<table border="1"> <thead> <tr> <th>Nominal power (W)</th> <th>Nominal rating (A)</th> <th>Setting range (V)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>960</td> <td>40</td> <td>24 to 28</td> <td>110</td> </tr> </tbody> </table>	Nominal power (W)	Nominal rating (A)	Setting range (V)	Width (mm)	960	40	24 to 28	110
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		Input voltage: 3 x 380 to 500 V\sim Output voltage: 48 V\equiv								
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Stabilised switched mode power supplies - additional functions



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Used to ensure optimum continuity of service for critical functions

Pack	Cat.Nos	Backup function				
		Backup function module In conjunction with a battery pack, ensures continuity of service of a 24 V \equiv system in the event of a power supply failure Relay contacts and LED status indicators (normal operation, battery failed and battery discharged) For mounting on a symmetrical rail \perp depth 7.5 mm and 15 mm Input voltage: 24 to 29 V\equiv				
1	1 466 90	<table border="1"> <thead> <tr> <th>Max. rating (A)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>56</td> </tr> </tbody> </table>	Max. rating (A)	Width (mm)	40	56
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40	56					
		Battery pack Works in conjunction with the backup function module Sealed lead-acid batteries Fixing on panel or at the bottom of the enclosure				
1	1 466 93	<table border="1"> <thead> <tr> <th>Capacitance (Ah)</th> <th>Voltage (V)</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>24</td> </tr> </tbody> </table>	Capacitance (Ah)	Voltage (V)	9	24
Capacitance (Ah)	Voltage (V)					
9	24					
		Redundancy function				
		Redundancy function module Can be used to control two 24 V \equiv power supplies on the same load to ensure optimum continuity of service Relay contacts and LED status indicators for the power supplies For mounting on a symmetrical rail \perp depth 7.5 mm and 15 mm Input voltage: 21 to 28 V\equiv				
1	1 466 98	<table border="1"> <thead> <tr> <th>Maximum rating (A)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>56</td> </tr> </tbody> </table>	Maximum rating (A)	Width (mm)	20	56
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