		6W SINGLE (	DUTPUT SLIM S	MPS			
		H H H H H H	0000 0000		D		Dimensions
FEATURES	<ul> <li>Universal input voltage range (100 ~ 270VAC)</li> <li>Built In Transient protector &amp; EMI filter</li> <li>Protection against short circuit, overload &amp; over temperature</li> <li>Low ripple &amp; noise</li> <li>Cooling by free air convection</li> <li>Power OK indication, terminations, output set control &amp; rating details on front</li> <li>100% full load burn in tested</li> <li>Low cost</li> <li>High reliability</li> <li>22.5mm Compact design din rail mountable.</li> </ul>						
ISOLATION			Input – Output : 3 Input – Earth : 2 Output – Earth : 0	KVAC, 1 minute			
EFFICIENCY			Output – Earth : 0. 70 ~ 75% with input 230V		ıt.		
O/P VOLTAGE ADJUSTMENT			+/- 10% of nominal				
OVERLOAD PROTECTION			105% ~ 130%				
LINE & LOAD REGULATION	Better than 0.5%						
HOLD UP TIME	> 20ms at rated input voltage and load (Refer Fig.2)						
OPERATING AMBIENT	0 ~ 50°C, 95% RH						
	-20°C to 85°C						
SAFETY STANDARD EMC STANDARD	IS 13252(Part 1):2010/IEC 60950-1:2005						
	Design refers to EN55022, EN55024 CE & BIS MARKED						
				MAKED			
APPROVAL / MARK							
TERMINATIONS			Screw type, for 2	2.5mm sq. wire			
	INPUT VOLTAGE	AC		2.5mm sq. wire			
TERMINATIONS	INPUT VOLTAGE	AC 230V	Screw type, for 2 35 mm D	2.5mm sq. wire			
TERMINATIONS			Screw type, for 2 35 mm D DC	2.5mm sq. wire DIN rail	RIPPLE &	DIMENSIONS	WEIGHT
TERMINATIONS	NOMINAL INPUT	230V	Screw type, for 2 35 mm D DC 230V	2.5mm sq. wire	RIPPLE & NOISE	DIMENSIONS W X H X D (mm)	WEIGHT (MAX)
TERMINATIONS	NOMINAL INPUT	230V 100 ~ 270V	Screw type, for 2 35 mm D 230V 110 ~ 360V	2.5mm sq. wire DIN rail			
TERMINATIONS	NOMINAL INPUT INPUT RANGE I/P FREQUENCY	230V 100 ~ 270V 47 ~ 63Hz	Screw type, for 2 35 mm D 230V 110 ~ 360V –	2.5mm sq. wire DIN rail			
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max)	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V	Screw type, for 2 35 mm D 230V 110 ~ 360V – 50mA @230V 23A @230V	2.5mm sq. wire DIN rail			
TERMINATIONS	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max)	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V -03	2.5mm sq. wire	NOISE		
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max)	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V .03 .04 .05	0UTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A	NOISE           < 100mV           < 100mV           < 100mV		
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max)	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V .03 .04 .05 .06	Somm sq. wire           DIN rail           OUTPUT           3.3V : 1.8A           4.2V : 1.4A           5V : 1.2A           6V : 1.0A	NOISE           < 100mV           < 100mV           < 100mV           < 100mV		
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V 03 -04 -05 -06 -10	OUTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A 6V : 1.0A 10V : 600mA	NOISE           < 100mV	W X H X D (mm)	(MAX)
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V .03 .04 .05 .06 .10 .12 <sup>(5)</sup>	Somm sq. wire           IN rail           OUTPUT           3.3V : 1.8A           4.2V : 1.4A           5V : 1.2A           6V : 1.0A           10V : 600mA           12V : 500mA	NOISE           < 100mV	W X H X D (mm)	(MAX)
TERMINATIONS MOUNTING	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V .03 .04 .05 .06 .10 .12 <sup>(5)</sup> .15	Somm sq. wire           IN rail           OUTPUT           3.3V : 1.8A           4.2V : 1.4A           5V : 1.2A           6V : 1.0A           10V : 600mA           12V : 500mA           15V : 400mA	NOISE           < 100mV           < 150mV	W X H X D (mm)	(MAX)
TERMINATIONS         MOUNTING         ORDERING INFORMATION         Note:       1. All parameters measured         2. Ripple & noise are measu         3. The power supply is inten         4. These units are designed	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE ORDER CODE at nominal input, rated la red at 20MHz of bandwi ded to be installed as a for mounting on horizon	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V 03 04 05 06 10 .12 <sup>(5)</sup> .15 .24 erature unless otherwise -wire terminated with a 0. re of final equipment. The of mininum 35mm from a	.5mm sq. wire DIN rail OUTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A 6V : 1.0A 10V : 600mA 12V : 500mA 15V : 400mA 24V : 250mA specified. 1uf & 100uf parallel ca final equipment must	NOISE           < 100mV           < 200mV           < 240mV           apacitor.           be re-confirmed	W X H X D (mm)	(MAX)
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         Note:       1. All parameters measured         2. Ripple & noise are measu         3. The power supply is inten         4. These units are designed	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE at nominal input, rated lo red at 20MHz of bandwi ided to be installed as a for mounting on horizon itage setting range is 9.6	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 C4	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V 03 04 05 06 10 .12 <sup>(5)</sup> .15 .24 erature unless otherwise -wire terminated with a 0. re of final equipment. The of mininum 35mm from a	2.5mm sq. wire DIN rail OUTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A 6V : 1.0A 10V : 600mA 12V : 500mA 15V : 400mA 24V : 250mA specified. 1uf & 100uf parallel cc final equipment must adjacent components f	NOISE           < 100mV           < 200mV           < 240mV           apacitor.           be re-confirmed	W X H X D (mm)	(MAX)
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         2. Ripple & noise are measured         2. Ripple & noise are measured         3. The power supply is inten         4. These units are designed         5. For G48-06-12, output work	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE at nominal input, rated la red at 20MHz of bandwi ded to be installed as a for mounting on horizon Itage setting range is 9.6	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06- G48-0	Screw type, for 2 35 mm D 230V 110 ~ 360V - 50mA @230V 23A @230V 03 04 05 06 10 .12 <sup>(5)</sup> .15 .24 erature unless otherwise -wire terminated with a 0. re of final equipment. The of mininum 35mm from a	2.5mm sq. wire DIN rail OUTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A 6V : 1.0A 10V : 600mA 12V : 500mA 15V : 400mA 24V : 250mA specified. 1uf & 100uf parallel cc final equipment must adjacent components f	NOISE           < 100mV           < 120mV           < 120mV           < 120mV           < 240mV           apacitor.           be re-confirmed           for proper ventile           Characteristi	W X H X D (mm) 23 X 76 X 110 d that it still meets the lation. CS	(MAX)
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         Note:       1. All parameters measured         2. Ripple & noise are measured         3. The power supply is inten         4. These units are designed         5. For G48-06-12, output vo         Derating	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE oRDER CODE at nominal input, rated la red at 20MHz of bandwi ded to be installed as a for mounting on horizon itage setting range is 9.6 Brown d current	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06- G48-0	Screw type, for 2         35 mm D           35 mm D         230V           110 ~ 360V         -           50mA @230V         23A @230V           23A @230V         -           003         -           004         -           10         -           110         -           -         -           03         -           -04         -           -05         -           -06         -           -10         -           -12 <sup>(5)</sup> -           -24         -           erature unless otherwise -wire terminated with a 0.         re of final equipment. The of minimum 35mm from a nominal voltage.	Comm sq. wire	NOISE           < 100mV           < 120mV           < 120mV           < 120mV           < 240mV           apacitor.           be re-confirmed           for proper ventile           Characteristi	W X H X D (mm) 23 X 76 X 110 d that it still meets the l ation. CS urrent	(MAX) 110 grams
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         ORDERING INFORMATION         2. Ripple & noise are measured         2. Ripple & noise are measured         3. The power supply is inten         4. These units are designed         5. For G48-06-12, output voltage         Derating         Ambient temperature Vs Loa         100%         9         50%         25%         0       10       20       30       40       50       6	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE at nominal input, rated lo red at 20MHz of bandwi ided to be installed as a for mounting on horizon itage setting range is 9.6 Brown d current	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 C48-06 G48-06 G48-06 C4	Screw type, for 2 35 mm D 230V 110 ~ 360V 	2.5mm sq. wire	NOISE           < 100mV           < 120mV           < 120mV           < 120mV           < 240mV           apacitor.           be re-confirmed           for proper ventile           Characteristi	W X H X D (mm) 23 X 76 X 110 23 that it still meets the lation. CS Irrent G48-06-X: 100 200	(MAX) 110 grams EMC directives.
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         Note:       1. All parameters measured         2. Ripple & noise are measured       2. Ripple & noise are measured         3. The power supply is inter       4. These units are designed         5. For G48-06-12, output vo       Derating         G48-06-XX         10%       G48-06-XX         10%       0       10       20       30       40       50       6         Ambient temperature Vs Loa       0       10       20       30       40       50       6	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE at nominal input, rated lo red at 20MHz of bandwi ided to be installed as a for mounting on horizon itage setting range is 9.6 Brown d current	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 The second seco	Screw type, for 2 35 mm D 230V 110 ~ 360V 	2.5mm sq. wire DIN rail OUTPUT 3.3V : 1.8A 4.2V : 1.4A 5V : 1.2A 6V : 1.0A 10V : 600mA 12V : 500mA 12V : 500mA 15V : 400mA 24V : 250mA specified. 1uf & 100uf parallel cc final equipment must adjacent components f Output CC Input voltage 150 200 250 5 put (Volts) →	NOISE           < 100mV           < 120mV           < 150mV           < 240mV           apacitor.           be re-confirmed           or proper ventili           Characteristie           e Vs Load cu           Image: Mark 40%           Mark 40%	d that it still meets the lation. CS Irrent G48-06-X: 100 200 DC Input (Vol	(MAX) 110 grams EMC directives.
TERMINATIONS         MOUNTING         ORDERING INFORMATION         ORDERING INFORMATION         ORDERING INFORMATION         2. Ripple & noise are measured         3. The power supply is inten         4. These units are designed         5. For G48-06-12, output voltage         Derating         Ambient temperature Vs Loa         100%       648-06-XX         100%       648-06-XX         100%       0         25%       0         0       10       20       30       40       50	NOMINAL INPUT INPUT RANGE I/P FREQUENCY I/P CURRENT (max) INRUSH CURRENT ORDER CODE at nominal input, rated lo red at 20MHz of bandwi ided to be installed as a for mounting on horizon itage setting range is 9.6 Brown d current	230V 100 ~ 270V 47 ~ 63Hz 0.1A @230V 32A @230V G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 G48-06 C48-06 G48-06 G48-06 C4	Screw type, for 2 35 mm D 230V 110 ~ 360V 	2.5mm sq. wire	NOISE           < 100mV           < 120mV           < 150mV           < 240mV           apacitor.           be re-confirmed           or proper ventili           Characteristie           e Vs Load cu           Image: Mark 40%           Mark 40%	W X H X D (mm) 23 X 76 X 110 23 that it still meets the lation. CS Irrent G48-06-X: 100 200	(MAX) 110 grams EMC directives.

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