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TECHNOLOGY GROUP

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Find the *EPLAX / Vero Technologies PK 60* at our website: *Click HERE*

VERO BICC ELECTRONICS

MONOVOLT PK 200

Primär getaktet, *primary pulsed,* à découpage sur le primaire
AC/DC 5 V/40 A, 12 V/20 A, 24 V/10 A

Eingangsgrößen/*Input data*/Caractéristiques d'entrée

Eingangswechselspannung/Frequenz: *Input voltage/Frequency:* Tension nominale/Fréquence:	Umschaltbar *Switchable* 110/220–240 V AC$^{+10\%}_{-15\%}$ 47–400 Hz Commutable		
Wirkungsgrad (bei Vollast): *Efficiency (under full load):* Rondement (en charge):	≧78%	≧82%	≧85%
Ausgangsgrößen/Output data/Caracteristiques de sortie	V_1	V_1	V_1
Ausgangsgleichspannung, einstellbar: *D.C. Output voltage adjustable:* Tension nominale de sortie, ajustable:	**5 V ± 0,5 V**	**12 V ± 1 V**	**24 V ± 2 V**
Ausgangsgleichstrom: *D.C. Output current:* Courant de sortie:	40 A	20 A	10 A
Ripple (bei Vollast): *Ripple (at full load):* Ondulation:	≦40 mV_{SS}	≦40 mV_{SS}	≦40 mV_{SS}
Regelgrößen/*Regulation data*/Régulation			
Netzregelung (V_{IN} $^{+10\%}_{-15\%}$, 100% I_{OUT}): *Mains regulation:* Entreé:	Δ V_{OUT} ≦0,2%	Δ V_{OUT} ≦0,35 %	≦0,5 %
Lastregelung (10...90% I_{OUT}, statisch): *Load regulation:* En charge:	Δ V_{OUT} ≦0,2%	Δ V_{OUT} ≦0,2%	≦0,2 %
Regelzeit (10...90% I_{OUT}): *Regulation time:* Temps de réponse:	0,5 ms	0,5 ms	0,5 ms
Spannungsausregelung mit Sense-Leitungen: *Voltage stabilisation with sense wires:* Régulation de sortie avec Sensor:	0,5 V	0,5 V	0,5 V
Schutz- und Kontrolleinrichtungen/*Protective control devices*/Protection et contrôle			
Begrenzung Ausgangsstrom: *Output current limitation:* Limitation de courant de sortie:	>42 A	>22 A	>12 A
Begrenzung Ausgangsspannung (OVP): *Over voltage protection (OVP):* Limitation tension de sortie (OVP):	5,5–6 V	14–18 V	26,4–30 V
Begrenzung Einschaltstrom: *Input surge current limitation:* Protection contre les courants de crête:	ja/yes/oui	ja/yes/oui	ja/*yes*/oui
Begrenzung Eingangsspannung: *Input voltage limitation:* Protection contre les tensions de crête:	ja/*yes*/oui	ja/*yes*/oui	ja/*yes*/oui
Netzausfallüberbrückung (220 V AC, 100% I_{OUT}): *Hold up time:* Temps de maintien:	≧20 ms	≧20 ms	≧20 ms
Powerfail-Signal (bei Vollast): *Power fail signal (at full load):* Signal powerfail (en charge):	≧6 ms bevor *prior* avant que V_{OUT} = 4,8 V	≧6 ms bevor *prior* avant que V_{OUT} = 11,5 V/23 V	
Sicherheit/*Safety*/Sécurité			
Isolationsspannungsfestigkeit nach VDE 0806:: *Dielectric strength to VDE 0806:* Isolation renforcée – norme VDE 0806:	Primär/*Primary*/Primaire – Sekundär/*Secondary*/Secondaire 3,75 kV_{eff} Primär/*Primary*/Primaire – Erde/*Earth*/Terre 1,25 kV_{eff} Sekundär/*Secondary*/Secondaire – Erde/*Earth*/Terre 0,50 kV_{eff}		
Schutzklasse I nach VDE 0100: *Class of Protection I to VDE 0100:* Protection normes VDE 0100:	Steckverbinder mit voreilendem Kontakt *Male connector with projecting earth contact* Connecteur avec pin de masse prioritaire		
Funkentstörung/*Interference suppression*/Protection aux paratitos			
Funkentstört nach VDE 0871, Kurve B: *Suppressed to VDE 0871 curve B:* Protection aux normes VDE 0871, Courbe B:	10 kHz–30 MHz		
Betriebsgrößen/*Operational data*/Caractéristiques de fonctionnement			
Max. Umgebungstemperatur: *Maximum ambient temp.:* Température ambiante maxi:	70°C (siehe Derating-Kurve) *(see derating curve)* (vuie muto de vadallon)		
Leistungsderating nach Diagramm: *Output derating to diagramm:* Maintien de la puissance nominale:	6 HE: 3 W/K ab 50 °C / *3 W/K above 50 °C* / 3 W/K à partier de 50 °C 3 HE: 5 W/K ab 50 °C / *5 W/K above 50 °C* / 5 W/K à partier de 50 °C		
Lagertemperatur: *Storage temp.:* Température de stockage:	–25°... +85°C		

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