ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

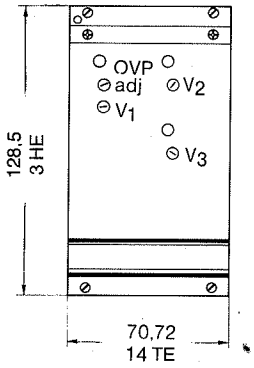
Find the *EPLAX / Vero Technologies PK 60* at our website: *Click HERE*

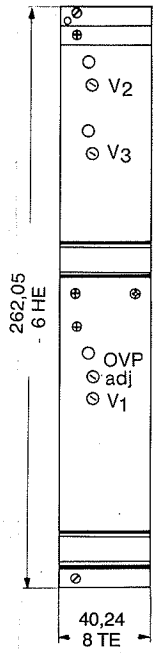
VERO
BICC ELECTRONICS

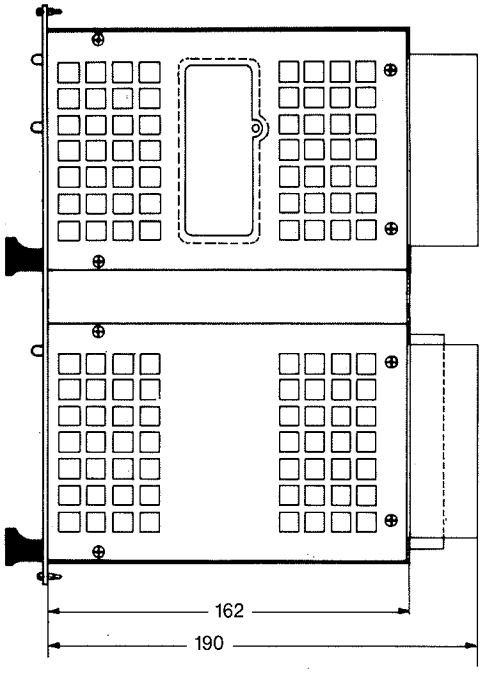
TRIVOLT PK 110

Primär getaktet, *primary pulsed,* à découpage sur le primaire
AC/DC 5 V/10 A, ±12 – 15 V/2 A

V_1	Ausgangsspannung 1 einstellbar *Output voltage 1 adjustable* Tension de sortie 1 ajustable
V_2	Ausgangsspannung 2 einstellbar *Output voltage 2 adjustable* Tension de sortie 2 ajustable
V_3	Ausgangsspannung 3 einstellbar *Output voltage 3 adjustable* Tension de sortie 3 ajustable
OVP_{adj}	Begrenzung Ausgangsspannung (OVP) *Over voltage protection (OVP)* Limitation tension de sortie (OVP)



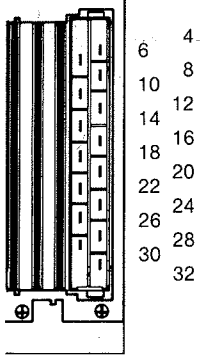




Kontaktbelegung/ *Contact allocation*/connexjons	H15
+ 5 V	4
+ Sensor	6
– Sensor	8
Masse/*Ground* 5 V	10
+ 15 V	12
Ext. Ein/Aus, *Ext. on/off,* Marche/Arrêt (5 V)	14
Masse/*Ground* ±15 V	16
Powerfail-Signal	18
– 15 V	20
Null/*Neutral*/Neutre, 110/220/240 V~	26
Phase 110/220/240 V~	30
⏚ Schutzleiter/*Earth*/Terre	32

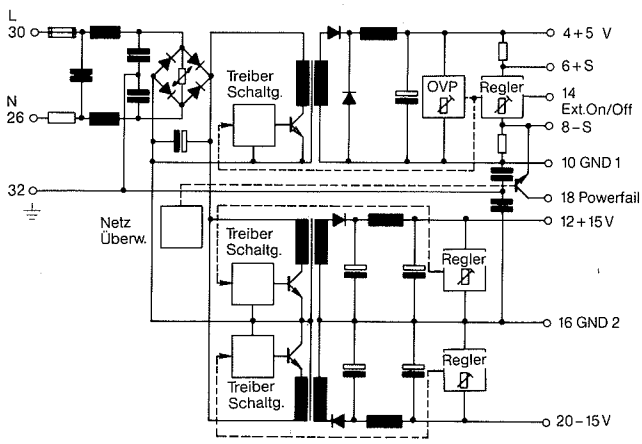
* Sensor muß angeschlossen sein
* *Sense lines must be connected*
* Les lignes du sensor doivent être connectées

Ext. Ein/Aus
Ext. On/Off
Marche/Arrêt

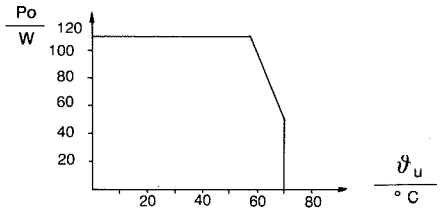


Prinzipschaltbild/*Schematic circuit diagramm*/Schéma de principe

mit Steckverbinder Bauform H 15
with H 15 connector
avec connecteur type H 15



Derating-Kurve/*Derating curve*/ Courbe de variation



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

VERO BICC ELECTRONICS

TRIVOLT PK 110

Primär getaktet, *primary pulsed,* à découpage sur le primaire

AC/DC 5 V/10 A, ±12–15 V/2 A

Eingangsgrößen/*Input data*/Caractéristiques d'entrée

Eingangswechselspannung/Frequenz: *Input voltage/Frequency:* Tension nominale/Fréquence:	110 V AC/220/240 V AC $^{+10\%}_{-15\%}$ 47–400 Hz
Wirkungsgrad (bei Vollast): *Efficiency (under full load):* Rondement (en charge):	≧75%

Ausgangsgrößen/*Output data*/Caracteristiques de sortie	V_1	V_2, V_3
Ausgangsgleichspannung, einstellbar: *D.C. Output voltage adjustable:* Tension nominale de sortie, ajustable:	**4,5–5,5 V**	**±12–15 V**
Ausgangsgleichstrom: *D.C. Output current:* Courant de sortie:	10 A	2 A
Ripple (bei Vollast): *Ripple (at full load):* Ondulation:	≦40 mV_{SS}	≦20 mV_{SS}

Regelgrößen/*Regulation data*/Régulation

Netzregelung (V_{IN} $^{+10\%}_{-15\%}$, 100% I_{OUT}): *Mains regulation:* Entreé:	Δ V_{OUT} 0,4 %	0,2%
Lastregelung (10...90% I_{OUT}, statisch): *Load regulation:* En charge:	Δ V_{OUT} 0,4 %	0,5%
Regelzeit (10...90% I_{OUT}): *Regulation time:* Temps de réponse:	1 ms	1 ms
Spannungsausregelung mit Sense-Leitungen: *Voltage stabilisation with sense wires:* Régulation de sortie avec Sensor:	0,5 V	–

Schutz- und Kontrolleinrichtungen/*Protective control devices*/Protection et contrôle

Begrenzung Ausgangsstrom: *Output current limitation:* Limitation de courant de sortie:	>10,5 A	>2,2 A
Begrenzung Ausgangsspannung (OVP): *Over voltage protection (OVP):* Limitation tension de sortie (OVP):	5,5–7 V	–
Begrenzung Einschaltstrom: *Input surge current limitation:* Protection contre les courants de crête:	ja/*yes*/oui	ja/*yes*/oui
Begrenzung Eingangsspannung: *Input voltage limitation:* Protection contre les tensions de crête:	ja/*yes*/oui	ja/*yes*/oui
Netzausfallüberbrückung (220 V AC, 100% I_{OUT}): *Hold up time:* Temps de maintien:	≧20 ms	≧20 ms
Powerfail-Signal (bei Vollast): *Power fail signal (at full load):* Signal powerfail (en charge):	bevor ≧6 ms *prior* V_{OUT} ≦4,9 V avant que	

Sicherheit/*Safety*/Sécurité

Isolationsspannungsfestigkeit nach VDE 0804: *Dielectric strength to VDE 0804:* Isolation renforcée – norme VDE 0804:	Primär/*Primary*/Primaire	– Sekundär/*Secondary*/Secondaire	2,5 kV_{eff}
	Primär/*Primary*/Primaire	– Erde/*Earth*/Terre	1,5 kV_{eff}
	Sekundär/*Secondary*/Secondaire	– Erde/*Earth*/Terre	0,5 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:	150 kHz–30 MHz

Betriebsgrößen/*Operational data*/Caractéristiques de fonctionnement

Max. Umgebungstemperatur: *Maximum ambient temp.:* Température ambiante maxi:	(siehe Derating-Kurve) 70° C *(see derating curve)* (vuie muto de vadallon)
Leistungsderating nach Diagramm: *Output derating to diagramm:* Maintien de la puissance nominale:	4 W/K ab 55 °C / *4 W/K above 55 °C* / 4 W/K à partier de 55 °C
Lagertemperatur: *Storage temp.:* Température de stockage:	–25°... +85°C

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP