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Eingangsgrößen/Input data/Caractéristiques d'entrée

Eingangswchelspannung/Frequenz: <i>Input voltage/Frequency:</i> Tension nominale/Fréquence:	Umschaltbar <i>Switchable</i> Commutable	110/220-240 V AC ^{+10%} _{-15%} 47-400 Hz	
Wirkungsgrad (bei Vollast): <i>Efficiency (under full load):</i> Rondement (en charge):	≥ 78%	≥ 82%	≥ 85%

Ausgangsgrößen/Output data/Caractéristiques de sortie

	V ₁	V ₁	V ₁
Ausgangsgleichspannung, einstellbar: <i>D.C. Output voltage adjustable:</i> Tension nominale de sortie, ajustable:	5 V ± 0,5 V	12 V ± 1 V	24 V ± 2 V
Ausgangsgleichstrom: <i>D.C. Output current:</i> Courant de sortie:	40 A	20 A	10 A
Ripple (bei Vollast): <i>Ripple (at full load):</i> Ondulation:	≤ 40 mV _{SS}	≤ 40 mV _{SS}	≤ 40 mV _{SS}

Regelgrößen/Regulation data/Régulation

Netzregelung (V _{IN} ^{+10%} _{-15%} 100% I _{OUT}): <i>Mains regulation:</i> Entrée:	Δ V _{OUT} ≤ 0,2 %	Δ V _{OUT} ≤ 0,35 %	≤ 0,5 %
Lastregelung (10...90% I _{OUT} , statisch): <i>Load regulation:</i> En charge:	Δ V _{OUT} ≤ 0,2 %	Δ V _{OUT} ≤ 0,2 %	≤ 0,2 %
Regelzeit (10...90% I _{OUT}): <i>Regulation time:</i> Temps de réponse:	0,5 ms	0,5 ms	0,5 ms
Spannungsausregelung mit Sense-Leitungen: <i>Voltage stabilisation with sense wires:</i> 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: <i>Output current limitation:</i> Limitation de courant de sortie:	> 42 A	> 22 A	> 12 A
Begrenzung Ausgangsspannung (OVP): <i>Over voltage protection (OVP):</i> Limitation tension de sortie (OVP):	5,5-6 V	14-18 V	26,4-30 V
Begrenzung Einschaltstrom: <i>Input surge current limitation:</i> Protection contre les courants de crête:	ja/yes/oui	ja/yes/oui	ja/yes/oui
Begrenzung Eingangsspannung: <i>Input voltage limitation:</i> Protection contre les tensions de crête:	ja/yes/oui	ja/yes/oui	ja/yes/oui
Netzausfallüberbrückung (220 V AC, 100% I _{OUT}): <i>Hold up time:</i> Temps de maintien:	≥ 20 ms	≥ 20 ms	≥ 20 ms
Powerfail-Signal (bei Vollast): <i>Power fail signal (at full load):</i> Signal powerfail (en charge):	≥ 6 ms <i>prior</i> avant que	V _{OUT} = 4,8 V	≥ 6 ms <i>prior</i> avant que
			V _{OUT} = 11,5 V/23 V

Sicherheit/Safety/Sécurité

Isolationsspannungsfestigkeit nach VDE 0806: <i>Dielectric strength to VDE 0806:</i> Isolation renforcée - norme VDE 0806:	Primär/Primary/Primaire - Sekundär/Secondary/Secondaire Primär/Primary/Primaire - Erde/Earth/Terre Sekundär/Secondary/Secondaire - Erde/Earth/Terre	3,75 kV _{eff} 1,25 kV _{eff} 0,50 kV _{eff}
Schutzklasse I nach VDE 0100: <i>Class of Protection I to VDE 0100:</i> Protection normes VDE 0100:	Steckverbinder mit voreilemendem Kontakt <i>Male connector with projecting earth contact</i> Connecteur avec pin de masse prioritaire	

Funkentstörung/Interference suppression/Protection aux parasites

Funkentstört nach VDE 0871, Kurve B: <i>Suppressed to VDE 0871 curve B:</i> Protection aux normes VDE 0871, Courbe B:	10 kHz - 30 MHz
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Betriebsgrößen/Operational data/Caractéristiques de fonctionnement

Max. Umgebungstemperatur: <i>Maximum ambient temp.:</i> Température ambiante maxi:	70°C (siehe Derating-Kurve) (see derating curve) (vuie muto de vadallon)
Leistungsderating nach Diagramm: <i>Output derating to diagramm:</i> Maintien de la puissance nominale:	6 HE: 3 W/K ab 50°C / 3 W/K above 50°C / 3 W/K à partir de 50°C 3 HE: 5 W/K ab 50°C / 5 W/K above 50°C / 5 W/K à partir de 50°C
Lagertemperatur: <i>Storage temp.:</i> Température de stockage:	-25°... +85°C



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