

Range di ingresso: universale 90-260Vac per modelli 45, 75 e 240W
selezionabile mediante interruttore per modello 120W
180-264Vac per modelli 480W

Input range: universal AC input 90-260Vac for 45, 75 and 240W models
AC input range selected by switch for 120W model
180-264Vac for 480W models

Certificazione "UL508 listed approved"
"UL508 listed approved" certification

Protezione sovratemperatura, sovraccarico e sovratensione
Over temperature, over load and over voltage protection

Modelli da 240W e 480W dotati di PFC
240W and 480W models with PFC

Isolamento galvanico ingresso / uscita / custodia
Input / output / case insulation

Led verde segnalazione on
Green led for power on

Protezione IP20 / Adatto per montaggio su barra DIN
IP20 protection - DIN rail mounting

EMC conforme: EN55022 classe B EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11 ENV50204

EMC standards: EN55022 classe B EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11 ENV50204



DATI TECNICI / TECHNICAL DATA

| | 4032 4033 | 4045 4046 4047 | 4064 4065 4066 | 4075 4076 | 4077 4078 |
|--|--|---|---|-----------------------------|-----------------|
| INGRESSO / INPUT | | | | | |
| Campo tensione (Vca 50-60Hz) | 85 - 264 | | 88 - 132 | 75 - 264 | 180 - 264 |
| Voltage range (Vac 50-60Hz) | | | 176 - 264 | | |
| Fusibile - fuse | interno - ripristinabile | | arranged inside - restorable | | |
| Filtro EMI - EMI filter | interno | | arranged inside | | |
| Isolamento - Insulation (KVca/60 sec.) | | | | | |
| Ingresso / uscita - Input/output | 3.0 | | | | |
| ingresso / terra - Input/case insulation | 1.5 | | | | |
| GENERALE / GENERAL | | | | | |
| Temperatura di lavoro - Working temperature (°C) | 0 ~ 45 @ 100% -10 @ 80% 50 @ 80% | 0 ~ 50 @ 100% -10 @ 80% 60° @ 60% | 0 ~ 45 @ 100% -10 @ 80% 50° @ 80% | -10 ~ 55 @ 100% 70 @ 60% | -10 ~ 70 @ 100% |
| Peso (Kg) - Weight (Kg) | 0,40 | 0,55 | 0,65 | 1,1 | 2,1 |
| Grado di protezione - External protection | IP20 | | | | |

| | 4032 | 4045 | 4064 | 4033 | 4046 | 4065 | 4075 | 4077 | 4047 | 4066 | 4076 | 4078 |
|----------------------------|--|------|------|------|------|------|------|------|------|------|------|------|
| USCITA / OUTPUT | | | | | | | | | | | | |
| Corrente nominale (A) | 3,5 | 6,3 | 10 | 2 | 3,2 | 5 | 10 | 20 | 1,6 | 2,5 | 5 | 10 |
| Nominal current (A) | | | | | | | | | | | | |
| Tensione nominale (Vcc) | 12 | | | 24 | | | | 48 | | | | |
| Voltage (Vdc) | | | | | | | | | | | | |
| Efficienza | 77% | 76% | 84% | 80% | 80% | 84% | 89% | 81% | 85% | 85% | 89% | 89% |
| Efficiency | | | | | | | | | | | | |
| Ripple - noise (mV) | 200 | 100 | 80 | 480 | 150 | 80 | 120 | 240 | 100 | 150 | 120 | 120 |
| Regolazione tensione (Vcc) | +10% della tensione di uscita nominale | | | | | | | | | | | |
| Voltage adj. (Vdc) | +10% of rated output voltage | | | | | | | | | | | |

CARATTERISTICHE TECNICHE DELLA FAMIGLIA DR / DR FAMILY TECHNICAL FEATURES

Tutti gli alimentatori della famiglia DR sono realizzati per essere installati su guida DIN sia TS35/7.5 che TS35/15.

All DR power supply are ready for fixing to DIN rail TS35/7.5 and TS35/15.

Sono coperti dalle certificazioni più accreditate quali:
UL / cUL / TUV / CB / CE

Approvals:
UL / cUL / TUV / CB / CE

Sono testati in camera climatica al 100% del carico.

100% full load bum-in tested

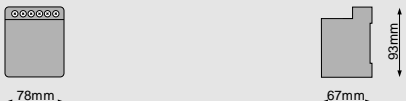
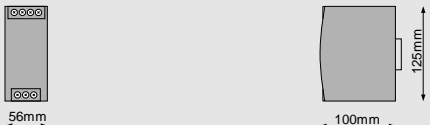
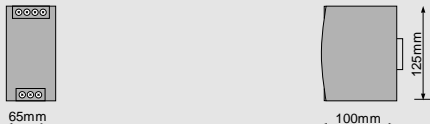
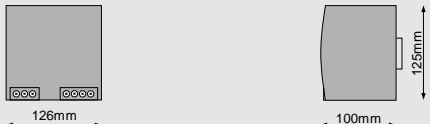

COME ORDINARE - HOW TO ORDER

| Sigla / Part Number | Cod. | Uscita / Output | Ingresso / Input | Dimensioni / Dimensions mm | | |
|-------------------------------|------|-----------------|------------------|----------------------------|------|------|
| 1 ET-SW/115-230/12/3,5A/DR45 | 4032 | 12V/3,5A | 90~260Vac | L78 | P67 | H93 |
| 2 ET-SW/115-230/24/2A/DR45 | 4033 | 24V/2A | 90~260Vac | | | |
| 3 ET-SW/115-230/12/6,5A/DR75 | 4045 | 12V/6,3A | 90~260Vac | L56 | P100 | H125 |
| 4 ET-SW/115-230/24/3,2A/DR75 | 4046 | 24V/3,2A | 90~260Vac | | | |
| 5 ET-SW/115-230/48/1,6A/DR75 | 4047 | 48V/1,6A | 90~260Vac | | | |
| 6 ET-SW/115-230/12/10A/DR120 | 4064 | 12V/10A | 115-230Vac | L65 | | |
| 7 ET-SW/115-230/24/5A/DR120 | 4065 | 24V/5A | 115-230Vac | | | |
| 8 ET-SW/115-230/48/2,5A/DR120 | 4066 | 48V/2,5A | 115-230Vac | L126 | | |
| 9 ET-SW/115-230/24/10A/DRP240 | 4075 | 24V/10A | 90~260Vac | | | |
| 10 ET-SW/115-230/48/5A/DRP240 | 4076 | 48V/5A | 90~260Vac | | | |
| 11 ET-SW/230/24/20A/DRP480 | 4077 | 24V/20A | 230Vac | L227 | | |
| 12 ET-SW/230/48/10A/DRP480 | 4078 | 48V/10A | 230Vac | | | |

DIMENSIONI / DIMENSIONS

Sigla - Part number

Cod.

| | | |
|---|--|----------------------|
|  | ET-SW/115-230/12/3,5A/DR45 ET-SW/115-230/24/2A/DR45 | 4032 4033 |
|  | ET-SW/115-230/12/6,5A/DR75 ET-SW/115-230/24/3,2A/DR75 ET-SW/115-230/48/1,6A/DR75 | 4045 4046 4047 |
|  | ET-SW/115-230/12/10A/DR120 ET-SW/115-230/24/5A/DR120 ET-SW/115-230/48/2,5A/DR120 | 4064 4065 4066 |
|  | ET-SW/115-230/24/10A/DRP240 ET-SW/115-230/48/5A/DRP240 | 4075 4076 |
|  | ET-SW/230/24/20A/DRP480 ET-SW/230/48/10A/DRP480 | 4077 4078 |

Tensione di ingresso 230Vac per ET-DRP480 e 115-230Vac, selezionabile tramite switch, per ET-DRP480S

ET-DRP480 input voltage: 230Vac / ET-DRP480s input voltage: 115-230Vac selectable by switch

Certificazione "UL508 (industrial control equipment) approved"

"UL508 (industrial control equipment) approved" certification

Alta efficienza 89% e bassa dissipazione

High efficiency 89% and low dissipation

Protezione sovratemperatura, sovraccarico, sovratensione e corto circuito

Short circuit, over temperature, over load and over voltage protection

Circuito interno per la limitazione della corrente

Built-in constant current limiting circuit

PFC interno in accordo con EN61000-3-2

Built-in passive PFC function compliance to EN61000-3-2

Isolamento galvanico ingresso / uscita / custodia

Input / output / case insulation

Adatto per montaggio su barra DIN TS-35/7.5 o 15

Can be installed on DIN TS-35/7.5 or 15t

Test di burn-in svolto a pieno carico

100% full load burn-in test

EMC conforme: EN55022 classe B

EN61000-3-2,3

EN61000-4-2,3,4,5,6,8,11

ENV50204

EMC standards: EN55022 classe B

EN61000-3-2,3

EN61000-4-2,3,4,5,6,8,11

ENV50204

ET-DRP480S



ET-DRP480

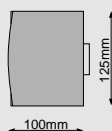
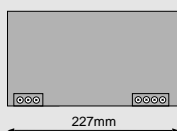


| CARATTERISTICHE TECNICHE - TECHNICAL FEATURES | | DRP-480-24 | DRP-480-48 | DRP-480S-24 | DRP-480S-48 |
|---|-------------------------------|---|-------------|----------------------------------|-------------|
| Ingresso | Input | 180 - 264Vac 47 - 63Hz | | 90-132Vac / 180-264Vac 47 - 63Hz | |
| Range tensione di ingresso (monofase) | Voltage range (single phase) | 250 - 370Vdc | | 254 - 370Vdc | |
| Efficienza | Efficiency | 89% | | | |
| PFC | PFC | >0.7 | | | |
| Corrente in ingresso AC | AC current | 4A/230Vac | | 11A/115Vac - 4A/230Vac | |
| Picco di corrente in ingresso AC | Inrush current | accensione a freddo - cold start 50A/230Vac | | | |
| Corrente di dispersione | Leakage current | <3.5mA/240Vac | | | |
| Uscita | Output | | | | |
| Corrente nominale a tensione nominale | Rated current @ rated voltage | 20A @ 24Vdc | 10A @ 48Vdc | 20A @ 24Vdc | 10A @ 48Vdc |
| Potenza nominale | Rated power | 480W | | | |
| Ripple & noise | Ripple & noise | 120mVpp | | | |
| Range di regolazione della tensione | Voltage adj. range | 24 - 28Vdc | 48 - 55Vdc | 24 - 28Vdc | 48 - 55Vdc |
| Tempo di accensione - mantenimento | Setup - hold time | 1200mS - 20mS/230Vac (115VAC) a pieno carico - at full load | | | |
| Generale | General | | | | |
| Protezione sovraccarico | Over load protection | 105 - 150% Limitazione a corrente costante, riprende automaticamente al termine dell'anomalia Constant current limiting, recovers automatically after fault condition is removed | | | |
| Protezione sovra tensione | Over voltage protection | 30 - 36V | 54 - 60V | 30 - 36V | 59 - 66V |
| | | Toglie la tensione di uscita, riprende dopo la riaccensione Shut down output voltage, re-power on to recover | | | |
| Protezione sovra temperatura | Over temperature protection | 100°C +/-5°C detect on heatsink of power switch Toglie la tensione di uscita, riprende automaticamente al calare della temperatura shut down output voltage, recovers automatically after temperature goes down | | | |
| Temperatura di lavoro | Working temperature | -20°C / +70°C | | | |
| Temperatura di immagazzinamento | Storage temperature | -20°C / +85°C | | -40°C / +85°C | |
| Isolamento INPUT-OUTPUT | INPUT-OUTPUT insulation | 3KVA | | | |
| Isolamento INPUT-FG | INPUT-FG insulation | 1.5KVA | | | |
| Peso | Weight | 2.1Kg | | 2.6Kg | |

DIMENSIONI / DIMENSIONS

Sigla - Part number

Cod.



ET-SW/230/24/20A/DRP480

4077

ET-SW/230/48/10A/DRP480

4078

ET-SW/115-230/24/20A/DRP480S

4360

ET-SW/115-230/48/10A/DRP480S

4361