

28-42  
Watt

SELV

PF  
λ ≥ 0,95

IP20

CE

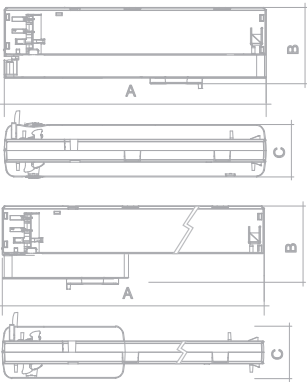
EMC

M

M

F

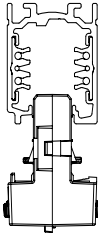
t<sub>a</sub> -10°÷ +50°C



| Part Number  | I <sub>out</sub> | V <sub>out</sub> Led Min | V <sub>out</sub> Led Max | V <sub>out</sub> Max (No load) | W   | Dimensions A x B x C | Housing |
|--------------|------------------|--------------------------|--------------------------|--------------------------------|-----|----------------------|---------|
| A40SC280004B | 100÷750mA        | 10V                      | 40V                      | 60V                            | 28W | 123 x 31 x 42        | White   |
| A40SC280004N | 100÷750mA        | 10V                      | 40V                      | 60V                            | 28W | 123 x 31 x 42        | Black   |
| A40SC42H004B | 300÷1050mA       | 10V                      | 42V                      | 60V                            | 42W | 158 x 31 x 42        | White   |
| A40SC42H004N | 300÷1050mA       | 10V                      | 42V                      | 60V                            | 42W | 158 x 31 x 42        | Black   |
| A40SC42ED04B | 300÷1050mA       | 10V                      | 42V                      | 60V                            | 42W | 213 x 32 x 36,4      | White   |
| A40SC42ED04n | 300÷1050mA       | 10V                      | 42V                      | 60V                            | 42W | 213 x 32 x 36,4      | Black   |



Datasheet download



|                  |                           |    |
|------------------|---------------------------|----|
| EUTRAC           | 25-XX-XX / 26-XX-XX       | 3P |
| IVELA            | 7501 / 7511 / 7512        | 3P |
| NORDIC ALUMINIUM | GLOBAL Trac Pro XTS 4xxx  | 3P |
| NORDIC ALUMINIUM | GLOBAL Trac Pro XTSF 4xxx | 3P |
| ZUMTOBEL         | S280...                   | 3P |
| Stucchi          | One track                 | 3P |
| Powergear        | PRO-04X0                  | 3P |

**Alimentatore LED Multicorrente per binario**

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante regolabile tramite DIP-Switches (passo 50mA)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alto fattore di potenza
- Alimentazione: 220V ÷ 240V/AC - Uscita stabilizzata
- Compatibili con binari 3FASI (vedi tabella)
- Disponibile in plastica bianca o nera

**Multicurrent LED Driver for tracks**

- For independent mounting - IP20 - Insulation class II
- Output in constant current settable by DIP-Switches (every 50mA)
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- High power factor
- Input voltage: 220V ÷ 240V/AC - Steady output
- Compatible with 3-phase tracks (see table)
- Available in white or black housing



| Part number                                           | Output Current | Input Current | Input Power | Output Power Range | $\lambda$ Power Factor | Efficiency @230V | Output Voltage | No Load Voltage |
|-------------------------------------------------------|----------------|---------------|-------------|--------------------|------------------------|------------------|----------------|-----------------|
| <b>A40SC280004x</b><br>x=B (white)<br>x=N (black)     | 100mA          | 0.01A         | 4.76 W      | 1.00-4.00 W        | 0.73                   | 84%              | 10-40 V        | 59 V            |
|                                                       | 150mA          | 0.02A         | 7.05 W      | 1.50-6.00 W        | 0.82                   | 85%              | 10-40 V        |                 |
|                                                       | 200mA          | 0.03A         | 9.41 W      | 2.00-8.00 W        | 0.88                   | 85%              | 10-40 V        |                 |
|                                                       | 250mA          | 0.04A         | 11.62 W     | 2.50-10.00 W       | 0.91                   | 86%              | 10-40 V        |                 |
|                                                       | 300mA          | 0.05A         | 13.79 W     | 3.00-12.00 W       | 0.93                   | 87%              | 10-40 V        |                 |
|                                                       | 350mA          | 0.06A         | 16.09 W     | 3.50-14.00 W       | 0.94                   | 87%              | 10-40 V        |                 |
|                                                       | 400mA          | 0.07A         | 18.18 W     | 4.00-16.00 W       | 0.95                   | 88%              | 10-40 V        |                 |
|                                                       | 450mA          | 0.08A         | 20.45 W     | 4.50-18.00 W       | 0.96                   | 88%              | 10-40 V        |                 |
|                                                       | 500mA          | 0.09A         | 22.72 W     | 5.00-20.00 W       | 0.97                   | 88%              | 10-40 V        |                 |
|                                                       | 550mA          | 0.10A         | 25.00 W     | 5.50-22.00 W       | 0.97                   | 88%              | 10-40 V        |                 |
|                                                       | 600mA          | 0.11A         | 27.27 W     | 6.00-24.00 W       | 0.97                   | 88%              | 10-40 V        |                 |
|                                                       | 650mA          | 0.12A         | 29.54 W     | 6.50-26.00 W       | 0.98                   | 88%              | 10-40 V        |                 |
|                                                       | 700mA          | 0.13A         | 31.81 W     | 7.00-28.00 W       | 0.98                   | 88%              | 10-40 V        |                 |
|                                                       | 750mA          | 0.14A         | 32.57 W     | 7.50-28.50 W       | 0.98                   | 87.5%            | 10-40 V        |                 |
|                                                       | 300mA          | 0.08A         | 14.31 W     | 3.00-12.60 W       | 0.93                   | 88%              | 10-42 V        | 59V             |
| <b>A40SC42H004x</b><br><br>X=B (WHITE)<br>X=N (BLACK) | 350mA          | 0.09A         | 16.51 W     | 3.50-14.70 W       | 0.95                   | 89%              | 10-42 V        |                 |
|                                                       | 400mA          | 0.11A         | 18.87 W     | 4.00-16.80 W       | 0.97                   | 89%              | 10-42 V        |                 |
|                                                       | 450mA          | 0.12A         | 21.23 W     | 4.50-18.90 W       | 0.97                   | 89%              | 10-42 V        |                 |
|                                                       | 500mA          | 0.13A         | 23.33 W     | 5.00-21.00 W       | 0.97                   | 90%              | 10-42 V        |                 |
|                                                       | 550mA          | 0.14A         | 25.66 W     | 5.50-23.10 W       | 0.97                   | 90%              | 10-42 V        |                 |
|                                                       | 600mA          | 0.15A         | 28.00 W     | 6.00-25.20 W       | 0.97                   | 90%              | 10-42 V        |                 |
|                                                       | 650mA          | 0.16A         | 33.33 W     | 6.50-27.30 W       | 0.98                   | 90%              | 10-42 V        |                 |
|                                                       | 700mA          | 0.17A         | 32.66 W     | 7.00-29.40 W       | 0.98                   | 90%              | 10-42 V        |                 |
|                                                       | 750mA          | 0.18A         | 35.00 W     | 7.50-31.50 W       | 0.98                   | 90%              | 10-42 V        |                 |
|                                                       | 800mA          | 0.20A         | 37.33 W     | 8.00-33.60 W       | 0.98                   | 90%              | 10-42 V        |                 |
|                                                       | 850mA          | 0.21A         | 37.77 W     | 8.50-34.00 W       | 0.98                   | 90%              | 10-40 V        |                 |
|                                                       | 900mA          | 0.22A         | 40.00 W     | 9.00-36.00 W       | 0.98                   | 90%              | 10-40 V        |                 |
|                                                       | 950mA          | 0.22A         | 42.22 W     | 9.50-38.00 W       | 0.98                   | 90%              | 10-40 V        |                 |
|                                                       | 1000mA         | 0.23A         | 44.44 W     | 10.00-40.00 W      | 0.98                   | 90%              | 10-40 V        |                 |
|                                                       | 1050mA         | 0.23A         | 46.66 W     | 10.50-42.00 W      | 0.98                   | 90%              | 10-40 V        |                 |
| <b>A40SC42ED04B</b>                                   | 300mA          | 0.08A         | 14.48 W     | 3.00-12.60 W       | 0.86                   | 87.2%            | 10-42 V        | 59V             |
|                                                       | 350mA          | 0.09A         | 16.70 W     | 3.50-14.70 W       | 0.87                   | 88.1%            | 10-42 V        |                 |
|                                                       | 400mA          | 0.11A         | 19.10 W     | 4.00-16.80 W       | 0.88                   | 88.3%            | 10-42 V        |                 |
|                                                       | 450mA          | 0.12A         | 21.48 W     | 4.50-18.90 W       | 0.89                   | 88.6%            | 10-42 V        |                 |
|                                                       | 500mA          | 0.13A         | 23.60 W     | 5.00-21.00 W       | 0.90                   | 89.0%            | 10-42 V        |                 |
|                                                       | 550mA          | 0.14A         | 25.96 W     | 5.50-23.00 W       | 0.91                   | 89.0%            | 10-42 V        |                 |
|                                                       | 600mA          | 0.15A         | 30.40 W     | 6.00-25.20 W       | 0.92                   | 89.0%            | 10-42 V        |                 |
|                                                       | 650mA          | 0.16A         | 30.67 W     | 6.50-27.30 W       | 0.93                   | 89.0%            | 10-42 V        |                 |
|                                                       | 700mA          | 0.17A         | 33.03 W     | 7.00-29.40 W       | 0.94                   | 89.0%            | 10-42 V        |                 |
|                                                       | 750mA          | 0.18A         | 35.40 W     | 7.50-31.50 W       | 0.94                   | 89.0%            | 10-42 V        |                 |
|                                                       | 800mA          | 0.20A         | 37.75 W     | 8.00-33.60 W       | 0.95                   | 89.0%            | 10-42 V        |                 |
|                                                       | 850mA          | 0.21A         | 38.20 W     | 8.50-34.00 W       | 0.95                   | 89.0%            | 10-40 V        |                 |
|                                                       | 900mA          | 0.22A         | 40.45 W     | 9.00-36.00 W       | 0.96                   | 89.0%            | 10-40 V        |                 |
|                                                       | 950mA          | 0.22A         | 42.70 W     | 9.50-38.00 W       | 0.96                   | 89.0%            | 10-40 V        |                 |
|                                                       | 1000mA         | 0.23A         | 44.95 W     | 10.00-40.00 W      | 0.97                   | 89.0%            | 10-40 V        |                 |
|                                                       | 1050mA         | 0.23A         | 47.20 W     | 10.50-42.00 W      | 0.97                   | 89.0%            | 10-40 V        |                 |