



ECO46

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4 POLE

CHARACTERISTICS

INDUSTRIAL RATINGS

ambient 40 ° C

| Type | KVA - cos φ 0.8 - 3 Phase continuous | | | | | | | Efficiency | | |
|-------------------|--------------------------------------|-------------|------|---------------|---------------------|-------------|------|-------------------------|------|------|
| | CL. H (ΔT= 125 °C) | | | | CL. F (ΔT= 105 °C) | | | η % CL. H (ΔT= 125 °C) | | |
| 50 Hz | | | | | | | | | | |
| Series Star Y | 760 | 800 | 830 | IP45 400 V | 760 | 800 | 830 | 2/4 | 3/4 | 4/4 |
| Parallel Star YY | 380 | 400 | 415 | | 380 | 400 | 415 | | | |
| Series Delta Δ | 440 | 460 | 480 | | 440 | 460 | 480 | | | |
| Parallel Delta ΔΔ | 220 | 230 | 240 | | 220 | 230 | 240 | | | |
| ECO46-1S/4 | 1500 | 1500 | 1500 | 1100 | 1350 | 1350 | 1350 | 95,9 | 96,4 | 96,2 |
| ECO46-1.5S/4 | 1650 | 1650 | 1650 | 1200 | 1480 | 1480 | 1480 | 96 | 96,5 | 96,3 |
| ECO46-2S/4 | 1800 | 1800 | 1800 | 1300 | 1600 | 1600 | 1600 | 96,2 | 96,5 | 96,4 |
| ECO46-1L/4 | 2100 | 2100 | 2100 | 1530 | 1900 | 1900 | 1900 | 96,4 | 96,8 | 96,6 |
| ECO46-1.5L/4 | 2300 | 2300 | 2300 | 1650 | 2050 | 2050 | 2050 | 96,4 | 96,9 | 96,7 |
| ECO46-2L/4 | 2500 | 2500 | 2500 | 1800 | 2250 | 2250 | 2250 | 96,6 | 97 | 96,8 |

| Type | CL. H (ΔT= 125 °C) | | | | CL. F (ΔT= 105 °C) | | | Efficiency | | |
|-------------------|---------------------|------|-------------|---------------|---------------------|------|-------------|-------------------------|------|------|
| | | | | | | | | η % CL. H (ΔT= 125 °C) | | |
| 60 Hz | | | | | | | | | | |
| Series Star Y | 880 | 920 | 960 | IP45 480 V | 880 | 920 | 960 | 2/4 | 3/4 | 4/4 |
| Parallel Star YY | 440 | 460 | 480 | | 440 | 460 | 480 | | | |
| Series Delta Δ | 508 | 530 | 554 | | 508 | 530 | 554 | | | |
| Parallel Delta ΔΔ | 254 | 265 | 277 | | 254 | 265 | 277 | | | |
| ECO46-1S/4 | 1710 | 1800 | 1800 | 1330 | 1530 | 1620 | 1620 | 96,1 | 96,6 | 96,4 |
| ECO46-1.5S/4 | 1880 | 1980 | 1980 | 1440 | 1690 | 1780 | 1780 | 96,2 | 96,6 | 96,5 |
| ECO46-2S/4 | 2050 | 2160 | 2160 | 1570 | 1820 | 1920 | 1920 | 96,4 | 96,7 | 96,6 |
| ECO46-1L/4 | 2390 | 2520 | 2520 | 1840 | 2150 | 2280 | 2280 | 96,6 | 97 | 96,8 |
| ECO46-1.5L/4 | 2620 | 2760 | 2760 | 1980 | 2330 | 2460 | 2460 | 96,7 | 97,1 | 96,9 |
| ECO46-2L/4 | 2840 | 3000 | 3000 | 2170 | 2550 | 2700 | 2700 | 96,9 | 97,3 | 97,1 |

STANDBY RATING

| Type | KVA Temp. Rise / Ambient °C | | | KVA Temp. Rise / Ambient °C | | |
|--------------|-----------------------------|------------|------------|-----------------------------|------------|------------|
| | 50 Hz | | | 60 Hz | | |
| | 163° / 27° | 150° / 40° | 125° / 27° | 163° / 27° | 150° / 40° | 125° / 27° |
| ECO46-1S/4 | 1620 | 1552 | 1552 | 1944 | 1870 | 1870 |
| ECO46-1.5S/4 | 1780 | 1700 | 1700 | 2140 | 2040 | 2040 |
| ECO46-2S/4 | 1944 | 1863 | 1863 | 2332 | 2236 | 2236 |
| ECO46-1L/4 | 2268 | 2173 | 2173 | 2722 | 2608 | 2608 |
| ECO46-1.5L/4 | 2480 | 2380 | 2380 | 2980 | 2860 | 2860 |
| ECO46-2L/4 | 2700 | 2588 | 2588 | 3240 | 3105 | 3105 |

| Type | J (Kgm ²) B3-B14 FORM | Weight (Kg) | Air Volume | | Noise dB(A) | | | |
|--------------|---|----------------|-----------------------------|-----------------------------|-------------|----|-------|----|
| | | | | | 50 Hz | | 60 Hz | |
| | | | 50 Hz (m ³ /min) | 60 Hz (m ³ /min) | 1m | 7m | 1m | 7m |
| ECO46-1S/4 | 31,43 | 3010 | 135 | 162 | 97 | 86 | 100 | 91 |
| ECO46-1.5S/4 | 36,73 | 3380 | | | | | | |
| ECO46-2S/4 | 39,16 | 3565 | | | | | | |
| ECO46-1L/4 | 44,31 | 3810 | | | | | | |
| ECO46-1.5L/4 | 48,69 | 4260 | | | | | | |
| ECO46-2L/4 | 51,33 | 4380 | | | | | | |

ACCESSORIES

| REGULATOR | | | | PARALLEL DEVICE | THERMAL PROTECTION | | | HEATERS | MECHANICAL PROTECTION | | |
|--------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|
| DSR | DER-1 | SR7/2 | UVR6 | | PTC | BIMET. DEVICE | PT100 | | IP21 | IP23 | IP45 |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

● = Standard
□ = Optional

Rating



