

## WELDER BRIDGE RECTIFIER SERIES

Welder bridge rectifier series products are exhibit ITALY's technique, use in CO2 welding machine 's bridge rectifier. That also is replace stud type & module type 's 3rd bridge rectifier. We had make standing order with many welding machine factory from China, Europe, South-east Asia. We have receive many approbat because of our good quality,price & perfect service.

### Features

- Current:100A-600A;VRRM≥400V
- Low cost
- Low forward voltage drop
- High current capability & conductive package
- Vacuum thydrogen gas filled protection solder technology
- Device with hentsink & over-voltage protection

### Typical Applications

- Co2 gas filled protection weld machine
- DC power supplies
- Rectificate circuit
- Import Italy technology
- New design,replace stud & module version

### Ordering information Table

**Device Code**

ZL D S 400A

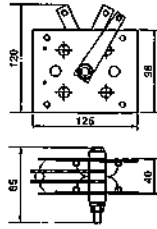
① ② ③ ④

- 1 -ZENLI Bridge rectifrer
- 2 -D=Diode bridge  
T=Thyristor bridge  
F=Diode-thyristor bridge
- 3 -S=3-phase bridge rectrifrer  
Q=single-phase bridge rectifier
- 4 -I<sub>a</sub> value=DC out current

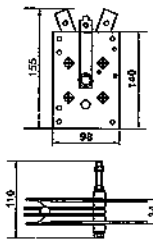
Note:for high VRRM value contact factory

TYPE	I <sub>d</sub> (A)	VRRM (V)	IRRM (mA)	V <sub>FM</sub> (V)	I <sub>H</sub> (V)	Temperature rise(°C)	Fix power (N.M)	Duty cycle (A)	Wind speed (M/S)	Weight (g)	Outline (Fig)
ZLDQ100A	100	≤400	≤3	≤1.2	1.50	≤55	≥12.5	60	3.0	350	DQ-1 DQ2
ZLDQ150A	150	≤400	≤4	≤1.2	1.50	≤60	≥12.5	90	3.0	390	DQ-1 Dq2
ZLDQ200A	200	≤400	≤5	≤1.3	1.50	≤60	≥12.5	120	3.0	600	DQ-3
ZLDQ250A	250	≤400	≤5	≤1.3	1.50	≤65	≥12.5	150	3.0	600	DQ-3
ZLDQ300A	300	≤400	≤6	≤1.3	1.50	≤80	≥12.5	180	3.0	1150	DQ-4
ZLDQ400A	400	≤400	≤6	≤1.4	1.50	≤85	≥12.5	240	3.0	1150	DQ-4
ZLDQ500A	500	≤400	≤7	≤1.4	1.50	≤90	≥12.5	300	3.0	2050	DQ-5
ZLDQ600A	600	≤400	≤7	≤1.4	1.50	≤90	≥12.5	360	3.0	2050	DQ-5
ZLDS100A	100	≤400	≤3.5	≤1.3	1.50	≤55	≥12.5	60	3.0	600	DS-1
ZLDS150A	150	≤400	≤4.0	≤1.3	1.50	≤60	≥12.5	90	3.0	950	DS-2
ZLDS200A	200	≤400	≤5.5	≤1.35	1.50	≤60	≥12.5	120	3.0	1000	DS-2
ZLDS250A	250	≤400	≤6.0	≤1.35	1.50	≤65	≥12.5	150	3.0	1000	DS-2
ZLDS300A	300	≤400	≤6.5	≤1.35	1.50	≤80	≥12.5	180	3.0	1650	DS-3
ZLDS400A	400	≤400	≤8.0	≤1.4	1.50	≤85	≥12.5	240	3.0	1650	DS-3
ZLDS500A	500	≤400	≤10.0	≤1.4	1.50	≤85	≥12.5	300	3.0	2400	DS-4
ZLDS600A	600	≤400	≤10.0	≤1.45	1.50	≤90	≥12.5	360	3.0	2400	DS-5
ZLTS450A	450	≤400	≤8.0	≤1.35	1.50	≤80	≥12.5	270	3.0	5550	TS
ZLTS550A	550	≤400	≤10.0	≤1.4	1.50	≤85	≥12.5	330	3.0	5600	TS
ZLTS630A	630	≤400	≤10.0	≤1.45	1.50	≤90	≥12.5	380	3.0	5600	TS
ZLFS450A	450	≤400	≤8.0	≤1.35	1.50	≤80	≥12.5	270	3.0	5550	TS
ZLFS550A	550	≤400	≤10.0	≤1.4	1.50	≤85	≥12.5	330	3.0	5600	TS
ZLFS630A	630	≤400	≤10.0	≤1.45	1.50	≤90	≥12.5	380	3.0	5600	TS

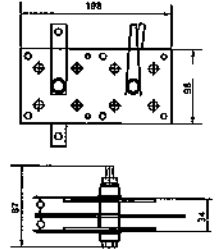
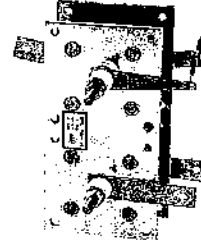
### SINGLE-PHASE BRIDGE DIODE PHOTO & OUTLINE



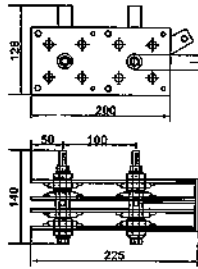
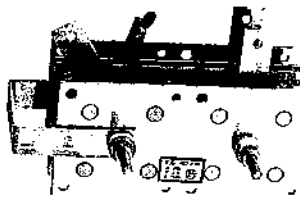
DQ-1



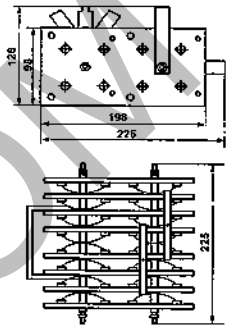
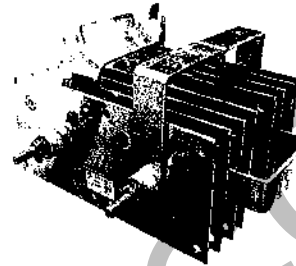
DQ-2



DQ-3

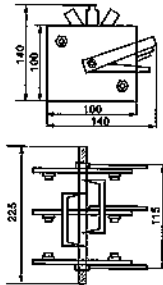


DQ-4

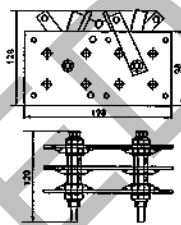


DQ-5

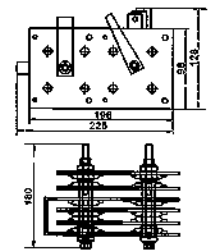
### THREE-PHASE BRIDGE DIODE PHOTO & OUTLINE



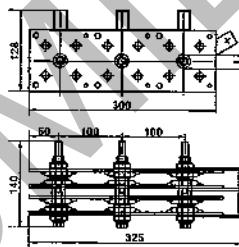
DS-1



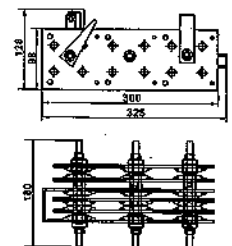
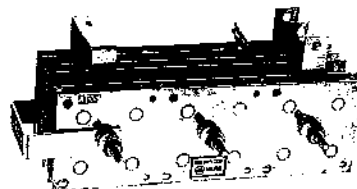
DS-2



DS-3



DS-4



DS-5