

# QYR Series

Three-phase electric panels for the protection and control of a three-phase drainage pump with star-delta starting.

VR3 (for QDR) three-phase module for overvoltage protection (lightning protector)

## Specifications

Automatic control through electromechanical floats  
Supply voltage:  $3 \times 400 \text{ V} \pm 10\%$   
Frequency: 50/60 Hz  
Power: 3 to 75 kW  
Star-delta starting  
Protection: IP54  
Ambient temperature:  $-5$  to  $+40 \text{ }^\circ\text{C}$  (limit specified by EN standard 60439-1)  
Maximum relative humidity: 50% at  $+40^\circ\text{C}$  provided that no condensation occurs (limit specified by EN standard 60439-1)  
Wall mounted  
Metal enclosure  
Power, thermal overload, high level indicator lights  
Alarm reset button  
/TS version with stator thermal protection circuit  
/WD version with water control probe in oil bath and stator thermal protection

## Optional accessories

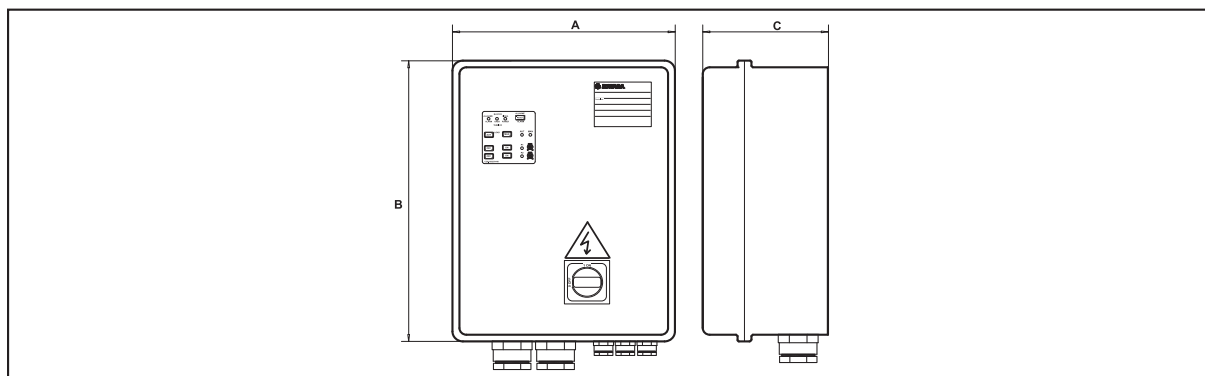
Audible or visual signalling device, 12 Vdc 0.3 A max. (inside the electric panel there are two connection terminals) for high-level alarm



For proper electric panel-electric pump selection, make sure that the Ampere input of the motor falls within the rated current range shown in the table.

For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

# QYR SERIES



MODEL	RATED VOLTAGE V	RATED POWER		RATED CURRENT A	DIMENSIONS			WEIGHT Kg
		kW	HP		A mm	B mm	C mm	
QYR/40	3 x 400 V ± 10 %	3 ÷ 4	4 ÷ 5,5	6,3 ÷ 10	400	500	200	25
QYR/75	3 x 400 V ± 10 %	5,5 ÷ 7,5	7,5 ÷ 10	10 ÷ 16	400	500	200	25
QYR/92	3 x 400 V ± 10 %	9,2	12,5	16 ÷ 20	400	500	200	25
QYR/110	3 x 400 V ± 10 %	11	15	20 ÷ 25	400	500	200	25
QYR/150	3 x 400 V ± 10 %	15	20	22 ÷ 32	400	600	200	27
QYR/185	3 x 400 V ± 10 %	18,5	25	28 ÷ 40	400	600	200	27
QYR/220	3 x 400 V ± 10 %	22	30	36 ÷ 50	500	700	200	32
QYR/300	3 x 400 V ± 10 %	30	40	45 ÷ 63	500	700	200	32
QYR/370	3 x 400 V ± 10 %	37	50	57 ÷ 75	600	800	250	32
QYR/450	3 x 400 V ± 10 %	45	60	70 ÷ 90	600	800	250	32
QYR/550	3 x 400 V ± 10 %	55	75	80 ÷ 108	600	900	250	37
QYR/750	3 x 400 V ± 10 %	75	100	105 ÷ 138	600p	1300p	300p	70
QYR/22/TS	3 x 400 V ± 10 %	2,2	3	4 ÷ 6,3	400	500	200	25
QYR/40/TS	3 x 400 V ± 10 %	3 ÷ 4	4 ÷ 5,5	6,3 ÷ 10	400	500	200	26
QYR/75/TS	3 x 400 V ± 10 %	5,5 ÷ 7,5	7,5 ÷ 10	10 ÷ 16	400	500	200	26
QYR/92/TS	3 x 400 V ± 10 %	9,2	12,5	16 ÷ 20	400	500	200	26
QYR/110/TS	3 x 400 V ± 10 %	11	15	20 ÷ 25	400	500	200	26
QYR/150/TS	3 x 400 V ± 10 %	15	20	22 ÷ 32	400	600	200	27
QYR/185/TS	3 x 400 V ± 10 %	18,5	25	28 ÷ 40	400	600	200	27
QYR/220/TS	3 x 400 V ± 10 %	22	30	36 ÷ 50	500	700	200	32
QYR/300/TS	3 x 400 V ± 10 %	30	40	45 ÷ 63	500	700	200	32
QYR/370/TS	3 x 400 V ± 10 %	37	50	57 ÷ 75	600	800	250	33
QYR/450/TS	3 x 400 V ± 10 %	45	60	70 ÷ 90	600	800	250	33
QYR/550/TS	3 x 400 V ± 10 %	55	75	80 ÷ 108	600	900	250	37
QYR/750/TS	3 x 400 V ± 10 %	75	100	105 ÷ 138	600p	1300p	300p	70
QYR/40/WD	3 x 400 V ± 10 %	3 ÷ 4	4 ÷ 5,5	6,3 ÷ 10	400	500	200	26
QYR/75/WD	3 x 400 V ± 10 %	5,5 ÷ 7,5	7,5 ÷ 10	10 ÷ 16	400	500	200	26
QYR/92/WD	3 x 400 V ± 10 %	9,2	12,5	16 ÷ 20	400	500	200	26
QYR/110/WD	3 x 400 V ± 10 %	11	15	20 ÷ 25	400	500	200	26
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QYR/450/WD	3 x 400 V ± 10 %	45	60	70 ÷ 90	600	800	250	33
QYR/550/WD	3 x 400 V ± 10 %	55	75	80 ÷ 108	600	900	250	38
QYR/750/WD	3 x 400 V ± 10 %	75	100	105 ÷ 138	600p	1300p	300p	71

Dimensions: p = floor-standing cabinet.

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