

BQJ52 Type Explosion-proof Star-delta Starter (II B)



Application

1. Can be used in Zone 1 and Zone 2 dangerous places.
2. Can be used in II A, II B group explosive atmosphere.

Features

1. Suitable for to unfrequently controlling 3 ~ 55kW asynchronous motor.
2. The shell is of diecast Al-alloy or welded by steel plates with plastic-sprayed surface.
3. Inside is installed with CB, AC contactor, time relay, thermal relay, CT, Voltmeter, ammeter, selector and indicator.
4. Delayed self-controlled relay (0 ~ 60s adjustable).
5. Suitable for to continuously work or short interval work, at short interval work its operating frequency is 30 times/hour, the interval is not less than 90 seconds.
6. With protections of overload, short-circuit, phase-failure.
7. Special requirements can be provided.
8. Suitable for both steel pipe and cable wiring.
9. The shell is of diecasted-Al, if < 55kW, welded steel plate, if >55kW.

Main technical parameters

Type	Power of controlled (KW)	Rated current (A)	Set current of relay (A)	Setting of time relay (S)
BQJ52-13Y	13	26	1.05In	11
BQJ52-17Y	17	33		13
BQJ52-22Y	22	42.5		15
BQJ52-30Y	30	58		17
BQJ52-40Y	40	77		20
BQJ52-55Y	55	105		24
BQJ52-75Y	75	150		30
BQJ52-95Y	95	190		35

Protection class	Ex-mark	Corrosion-proof grade	Inlet' s thread (G")	Outlet Inlet' s thread (G")	Cable' s outside diameter (Φ, mm)
IP54	Exd II BT6	WF1	1 1/2 ~ 3	1 1/2 ~ 3	17 ~ 45

Outline and mounting example

Type	A	B	C
BQJ52-55	490	690	250
BQJ52-95	1420	650	450

Weled of steel plate