

## Technical data

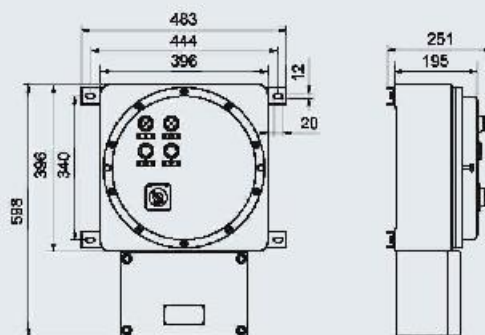
## Explosion-proof motor starters (direct-on-line control) BQD-□/□/□

Explosion protection	Ex II 2 G Ex de IIC T8 Ex de IIC T8 Gb
Certificates	LCIE 10 ATEX 3075; IECEx CQM 11.0017X
Conformity to standards	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2007 IEC 60079-0:2007, IEC 60079-1:2007, IEC 60079-7:2006
Enclosure material	Copper-free aluminium; powder coated surface
Enclosure colour	Window grey (RAL7040)
Exposed fastener	Stainless steel
Components	MCB (mini circuit breaker) AC contactor Thermal overload relay Indicator, pushbutton
Rated voltage	380/400V AC 50/60Hz
Degree of protection	IP65
Ambient temperature	-20°C~+55°C
Cable entries	Standard M□ x 1.5 plug; See Selection Table as below
Cable gland (optional)	DQM-I (Ex e) is recommended. Please see P7/17~19
Entry direction	Bottom

## Selection table

Type	Control motor power (kW)	Rated current of circuit breaker (A)	Adjustable range of setting current of thermal relay (A)	Rated current of contactor (A)	Cable entry size	Enclosure weight (kg)
BQD-4/16/7~10	4	16	7~10, I <sub>e</sub> =8.5	9	2 x M25 x 1.5	28.00
BQD-5.5/20/9~13	5.5	20	9~13, I <sub>e</sub> =11	12	2 x M25 x 1.5	28.00
BQD-7.5/25/12~18	7.5	25	12~18, I <sub>e</sub> =16	18	2 x M32 x 1.5	28.00
BQD-11/32/16~24	11	32	16~24, I <sub>e</sub> =23	25	2 x M32 x 1.5	28.00
BQD-15/40/23~32	15	40	23~32, I <sub>e</sub> =30	32	2 x M32 x 1.5	28.00
BQD-18.5/50/30~38	18.5	50	30~38, I <sub>e</sub> =36	40	2 x M40 x 1.5	28.00
BQD-22/63/37~50	22	63	37~50, I <sub>e</sub> =46	50	2 x M40 x 1.5	28.00

## Dimension drawings (all dimensions in mm) - subject to alteration



4kW-22kW

