

Standard Motor Starters CUBEx

Series 8264



- > Enclosures with Ex d protection
- > Available standard motor starters:
 - Direct-on-line motor starters DOL
 - Star-delta starters YD
 - Reversing starter combinations
- > Advantage
 - short time of delivery



10231E00

The standard motor starters described on the next page are fitted in flameproof enclosures.

As standard the starters are supplied without main switch, starting transformer, main and starter fuses and without control and monitoring devices; these parts can however be fitted to order. Further details on request.

	ATEX / IECEx							NEC 505 Class I			NEC 506		
Zone	0	1	2	20	21	22	Zone	0	1	2	20	21	22
For use in		x	x		x	x	For use in		x				

WebCode 8264D

Standard Motor Starters CUBEx

Direct-On-Line Motor Starters DOL

Series 8264



Explosion Protection

Global (IECEX)

Gas and dust

IECEX KEM 07.0051X
Ex d ... IIB + H2 T6 ... T4, Ex d ... IIB T6 ... T4
Ex tD A21 IP66 T80°C ... T130°C

Europe (ATEX)

Gas and dust

KEMA 01 ATEX 2145
Ex II 2 GD Ex d IIB T6 (others on request)

Certifications and certificates

Certificates

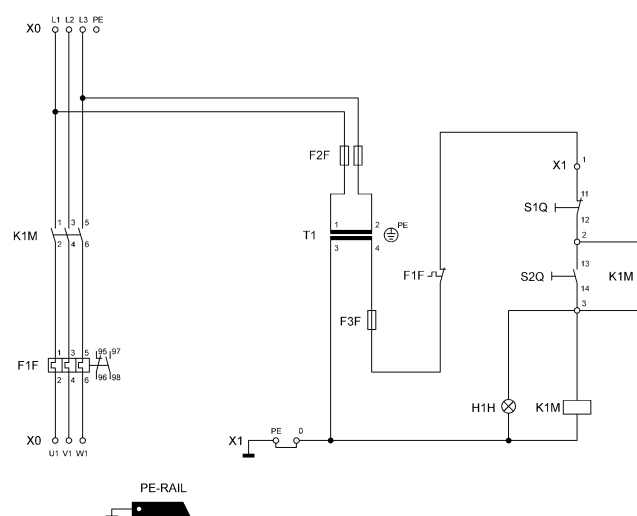
IECEX, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Canada (cUL), Kazakhstan (TR), Korea (KCs), Russia (TR), Taiwan (ITRI), USA (UL), Belarus (TR)

Technical Data

Electrical data

Rated voltage
Control voltage
Circuit diagram

400 V AC
230 V AC



08726E00

Ambient conditions

Ambient temperature

standard: -20 ... +40 °C
on request: -55 ... +60 °C (IIB)
-20 ... +60 °C (IIB + H2.)
-55 ... +60 °C (tD)

Mechanical data

Degree of protection
Enclosure

IP66 (EN 60529)
standard: Aluminium (saltwater-proof according to EN 13195-1)
special: Stainless steel

Note

Description:
Contactor for switching on and off of motor circuits and ohmic consumers.
With thermal excess-current release, design with control transformer acc. to EN 60204.
To select the control transformer please state the rated voltage of the power supply.

Direct On-Line Motor Starters DOL Selection Table

Breaking capacity 400 V AC-3	Ex d Enclosure	Cross section for connection		Cable entries, bottom			Ordering code
5.5 kW	8264/5212	4 x 6 mm ²	3 x 4 mm ²	1 x M32	3 x M25		8264/5-SM-ES5,5kW400V-T
7.5 kW	8264/5212	4 x 10 mm ²	3 x 6 mm ²	1 x M32	3 x M25		8264/5-SM-ES7,5kW400V-T
11 kW	8264/5212	4 x 10 mm ²	3 x 6 mm ²	1 x M32	3 x M25		8264/5-SM-ES11kW400V-T
15 kW	8264/5212	4 x 16 mm ²	3 x 6 mm ²	1 x M32	3 x M25		8264/5-SM-ES15kW400V-T
18.5 kW	8264/5212	4 x 16 mm ²	3 x 10 mm ²	1 x M32	3 x M25		8264/5-SM-ES18,5kW400V-T
22 kW	8264/5212	4 x 35 mm ²	3 x 10 mm ²	1 x M40	1 x M32	2 x M25	8264/5-SM-ES22kW400V-T
30 kW	8264/5222	4 x 35 mm ²	3 x 16 mm ²	1 x M40	1 x M32	2 x M25	8264/5-SM-ES30kW400V-T
37 kW	8264/5222	4 x 35 mm ²	3 x 16 mm ²	1 x M40	1 x M32	2 x M25	8264/5-SM-ES37kW400V-T
45 kW	8264/5222	4 x 50 mm ²	3 x 35 mm ²	1 x M50	1 x M40	2 x M25	8264/5-SM-ES45kW400V-T
55 kW	8264/5323	4 x 50 mm ²	3 x 35 mm ²	1 x M50	1 x M40	2 x M25	8264/5-SM-ES55kW400V-T
75 kW	8264/5323	4 x 50 mm ²	3 x 35 mm ²	1 x M50	1 x M40	2 x M25	8264/5-SM-ES75kW400V-T

Standard Motor Starters CUBEx

Star-Delta Starters YD

Series 8264

CUBEx



Explosion Protection

Global (IECEx)

Gas and dust
IECEx KEM 07.0051X
Ex d ... IIB + H2 T6 ... T4, Ex d ... IIB T6 ... T4
Ex tD A21 IP66 T80°C ... T130°C

Europe (ATEX)

Gas and dust
KEMA 01 ATEX 2145
II 2 GD Ex d IIB T6 (others on request)

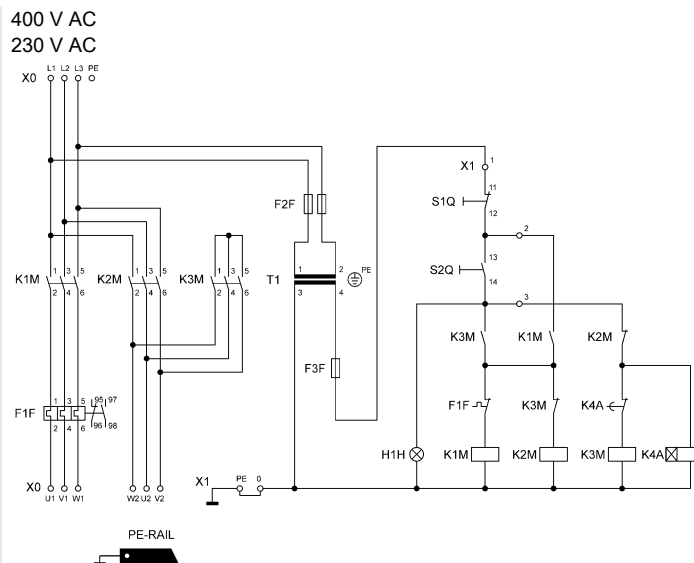
Certifications and certificates

Certificates
IECEx, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Canada (cUL), Kazakhstan (TR), Korea (KCs), Russia (TR), Taiwan (ITRI), USA (UL), Belarus (TR)

Technical Data

Electrical data

Rated voltage
Control voltage
Circuit diagram



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Ambient conditions

Ambient temperature

standard: -20 ... +40 °C
on request: -55 ... +60 °C (IIB)
-20 ... +60 °C (IIB + H2.)
-55 ... +60 °C (tD)

Mechanical data

Degree of protection
Enclosure

IP66 (EN 60529)
standard: Aluminium (saltwater-proof according to EN 13195-1)
special: Stainless steel

Note

Description:
Contactor combination for switching on and off of motor circuits and ohmic consumers.
With thermal excess-current release, design with control transformer acc. to EN 60 204.
To select the control transformer please state the rated of the power supply.

Star-Delta Contactor Starters YD Selection Table

Breaking capacity 400 V AC-3	Ex d Enclosure	Cross section for connection		Cable entries, bottom		Ordering code
11 kW	8264/5222	4 x 6 mm ²	6 x 4 mm ²	3 x M32	2 x M25	8264/5-SL-SS11kW400V-T
15 kW	8264/5222	4 x 6 mm ²	6 x 4 mm ²	3 x M32	2 x M25	8264/5-SL-SS15kW400V-T
18.5 kW	8264/5222	4 x 6 mm ²	6 x 4 mm ²	3 x M32	2 x M25	8264/5-SL-SS18,5kW400V-T
22 kW	8264/5222	4 x 10 mm ²	6 x 6 mm ²	3 x M32	2 x M25	8264/5-SL-SS22kW400V-T
30 kW	8264/5323	4 x 16 mm ²	6 x 6 mm ²	3 x M40	2 x M25	8264/5-SL-SS30kW400V-T
37 kW	8264/5323	4 x 35 mm ²	6 x 10 mm ²	3 x M40	2 x M25	8264/5-SL-SS37kW400V-T
45 kW	8264/5323	4 x 35 mm ²	6 x 16 mm ²	1 x M50	2 x M40 2 x M25	8264/5-SL-SS45kW400V-T
55 kW	8264/5323	4 x 50 mm ²	6 x 35 mm ²	1 x M50	2 x M40 2 x M25	8264/5-SL-SS55kW400V-T
75 kW	8264/5323	4 x 50 mm ²	6 x 35 mm ²	1 x M50	2 x M40 2 x M25	8264/5-SL-SS75kW400V-T
90 kW	8264/5933	4 x 95 mm ²	6 x 50 mm ²	1 x M63	2 x M40 2 x M25	8264/5-SL-SS90kW400V-T
110 kW	8264/5933	4 x 150 mm ²	6 x 95 mm ²	1 x M63	2 x M50 2 x M25	8264/5-SL-SS110kW400V-T
132 kW	8264/5993	4 x 150 mm ²	6 x 95 mm ²	1 x M63	2 x M50 2 x M25	8264/5-SL-SS132kW400V-T
160 kW	8264/5993	4 x 240 mm ²	6 x 150 mm ²	3 x M63	2 x M25	8264/5-SL-SS160kW400V-T
200 kW	8264/5993	4 x 240 mm ²	6 x 150 mm ²	3 x M63	2 x M25	8264/5-SL-SS200kW400V-T

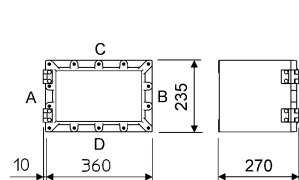
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Series 8264

CUBEx

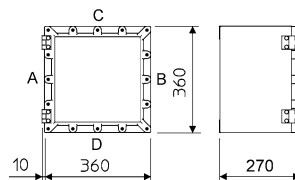


Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



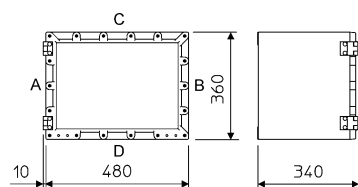
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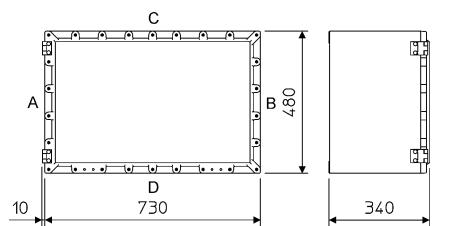
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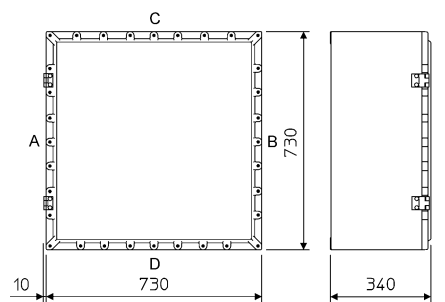
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8264/5323



10048E00

8264/5933



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8264/5993

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