

II 2G Ex db IIC T5 Gb
 II 2G Ex db eb IIC T5 Gb ()
 II 2D Ex tb IIIC T100°C Db

REMATIC, DMS3,
 24 V DC (2P)
 (3P)
 PROFIBUS DP V0/V1 MODBUS RTU.
 : LED (, RS-232).
 « - ». a a



DMS3

- 220 V AC
- T
- a
- 60 % 100 %
- 2 R1, R2 (18)¹⁾
- READY¹⁾
- - 0/4 - 20 mA, 4 - 12 mA, 12 - 20 mA 0/2 - 10 V¹⁾
- 24 V DC - , ,
- 24 V DC - , ,
- ESD ()
- - 4 - 20 mA a ()¹⁾
- 24 V DC, 40
- (, , .)
- LED
- RS 232
- ISO 5211
- IP 66 / IP 68
- RE3, RE4, RE5¹⁾
- RE1, RE2, RE3, RE4, RE5, READY¹⁾
- PROFIBUS DP V0/V1,
- MODBUS RTU,

1) Profibus Modbus

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| | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|
| 346 | x | - | x | x | x | x | x | / | x | x |
|-----|---|---|---|---|---|---|---|---|---|---|

| / | | o | e | 10) | | | | |
|-----|---|---|-----------------|-----|----|----|-------------|---|
| 3.1 | | | -25°C ... +55°C | | C3 | T5 | IP 66/IP 68 | 1 |
| B2 | + | | -25°C ... +55°C | | C4 | | | 2 |
| 2 | | | -50°C ... +40°C | | C3 | | | 3 |
| 2 | | | -25°C ... +55°C | | C3 | | | 6 |
| 1 | - | | -50°C ... +40°C | | C4 | | | 7 |
| 2 | | | -60°C ... +40°C | | C3 | | | 8 |

| | 50 Hz | 230 V AC | Z514, Z523, Z515 | 0 | | |
|--|-------|----------------------|------------------|------------------|---|--|
| | | 220 V AC | Z574c, Z563 | L | | |
| | | 60 Hz ²⁴⁾ | 120V AC | Z514, Z523, Z515 | T | |
| | | | Z574c, Z563 | | | |
| | 50 Hz | 3x400 V AC | Z532, Z536, Z537 | 2 | | |
| | | 3x380 V AC | Z574e, Z563b | N | | |

| 230 (220) V AC | | | 3x400 (380) V AC | | | | | |
|----------------|--------|-------|------------------|--------|-------|----------|----------|---|
| 31) | 32) | | 31) | 32) | | 33) | | |
| | « | » | | « | » | 50 Hz | 60 Hz | |
| 170 Nm | 100 Nm | 70 Nm | 170 Nm | 100 Nm | 70 Nm | 80 s/90° | 66 s/90° | U |
| 150 Nm | 90 Nm | 60 Nm | 150 Nm | 90 Nm | 60 Nm | 80 s/90° | 66 s/90° | M |
| 100 Nm | 60 Nm | 40 Nm | 100 Nm | 60 Nm | 40 Nm | 40 s/90° | 34 s/90° | P |
| | | | | | | 80 s/90° | 66 s/90° | A |
| | | | | | | 40 s/90° | 34 s/90° | C |
| 90 Nm | 54 Nm | 36 Nm | 100 Nm | 60 Nm | 40 Nm | 20 s/90° | 17 s/90° | D |
| | | | | | | 10 s/90° | 8 s/90° | E |
| | | | | | | 80 s/90° | 66 s/90° | J |
| 50 Nm | 30 Nm | 20 Nm | 50 Nm | 30 Nm | 20 Nm | 40 s/90° | 34 s/90° | L |
| | | | | | | 20 s/90° | 17 s/90° | N |
| | | | | | | 10 s/90° | 8 s/90° | R |
| 45 Nm | 27 Nm | 18 Nm | 50 Nm | 30 Nm | 20 Nm | 5 s/90° | 4 s/90° | F |

| | | 60° | A |
|-----|--|-------------|---|
| | | 90° | B |
| | | 120° | C |
| | | 160° | D |
| 42) | | 50° - 120° | M |
| | | 90° - 160° | N |
| | | 160° - 360° | P |

| DMS3 | 2P | 24 V DC | | , | , | - | Z515, Z537 | F |
|---------|-------|------------|-------------|---------|---|-----------|--------------|---|
| | 3P/2P | | 0/4 - 20 mA | 24 V DC | | 4 - 20 mA | Z514, Z532 | G |
| | | | 0/2 - 10 V | , | , | | Z523, Z536 | H |
| DMS3 M1 | / 2P | MODBUS RTU | | 24 V DC | - | | Z574c, Z547e | M |
| DMS3 M2 | | | | | | | Z563, Z563b | N |
| DMS3 P1 | | | | | | | Z574c, Z547e | P |
| DMS3 P2 | | | | | | | Z563, Z563b | R |

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346. x - x x x x x x / x x

| ISO | ISO | ISO | ISO | ISO | ↓ |
|-------|--------------------|-----|-----|-----|------|
| | | | | | D-14 |
| L-14 | 14x22 | B | | | |
| H-14 | Ø20 ⁶²⁾ | C | | | |
| V-20 | 17x17 | D | | | |
| D-17 | 11x18 | E | | | |
| L-17 | 11x11 | F | | | |
| H-11 | 8x13 | G | | | |
| D-11 | 9x9 | H | | | |
| L-11 | 12x12 | Q | | | |
| H-8 | 9x9 | N | | | |
| D-9 | 12x12 | M | | | |
| D-12 | Ø17 ⁶²⁾ | 1 | | | |
| V-17 | 9x9 | P | | | |
| L-9 | 12x12 | 2 | | | |
| L-12 | 16x16 | 3 | | | |
| D-16 | 10x16 | R | | | |
| L-16 | 13x19 | S | | | |
| H-10 | Ø18 ⁶²⁾ | T | | | |
| H-13 | Ø30 ⁶³⁾ | 4 | | | |
| V-18 | Ø8 ⁶⁴⁾ | U | | | |
| V-30 | 17x25 | V | | | |
| - | 13x19 | W | | | |
| H-17 | | Z | | | |
| SH-13 | | 5 | | | |

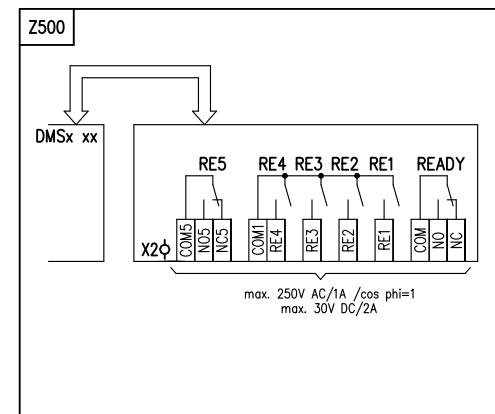
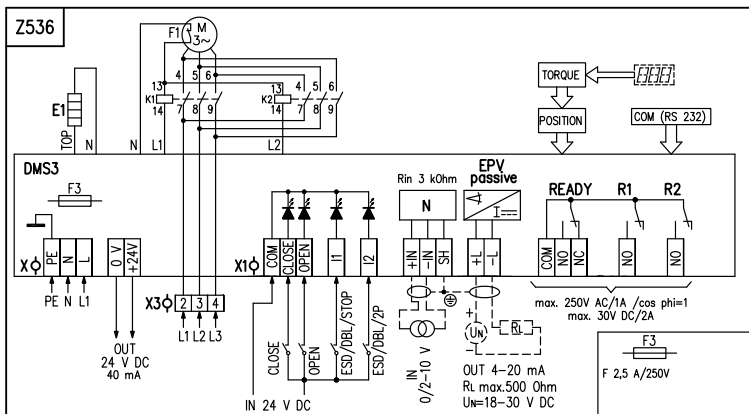
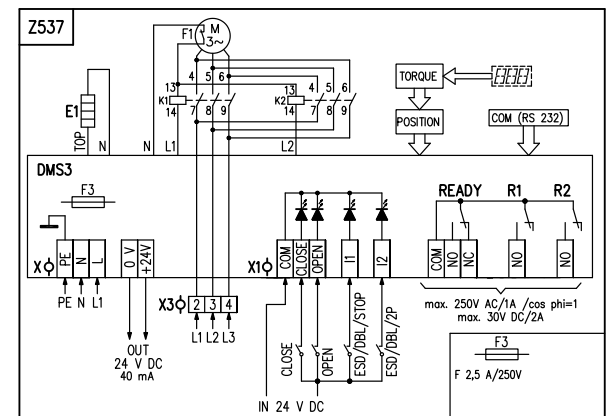
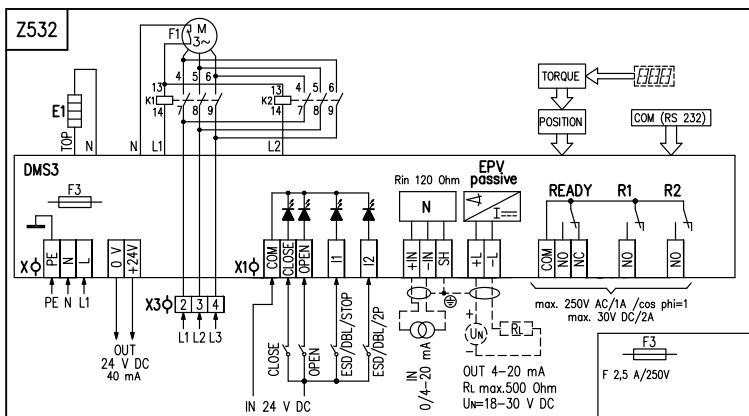
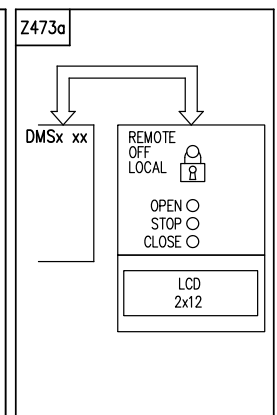
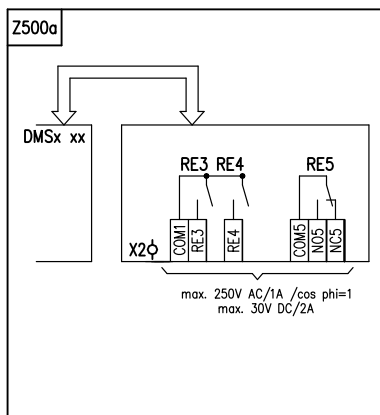
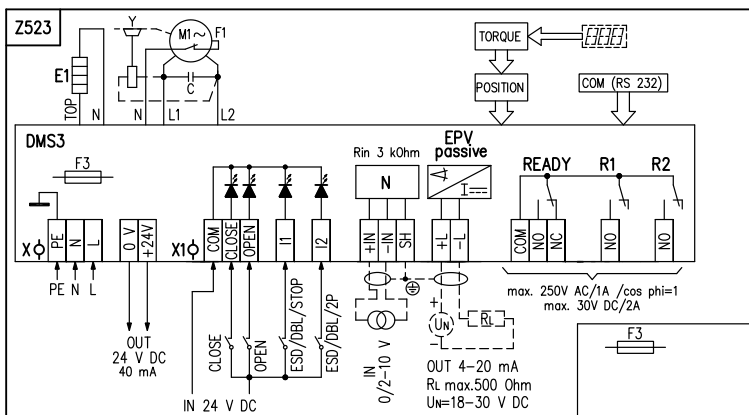
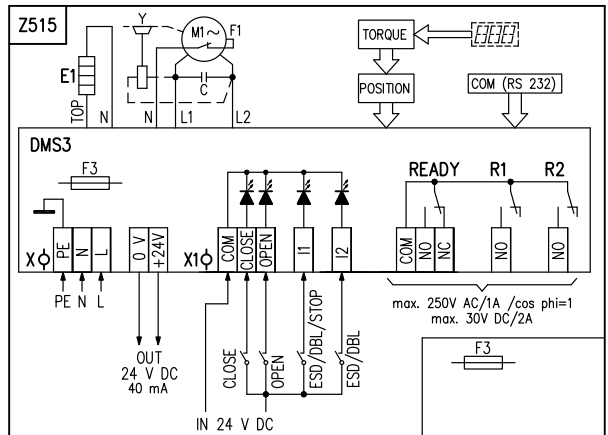
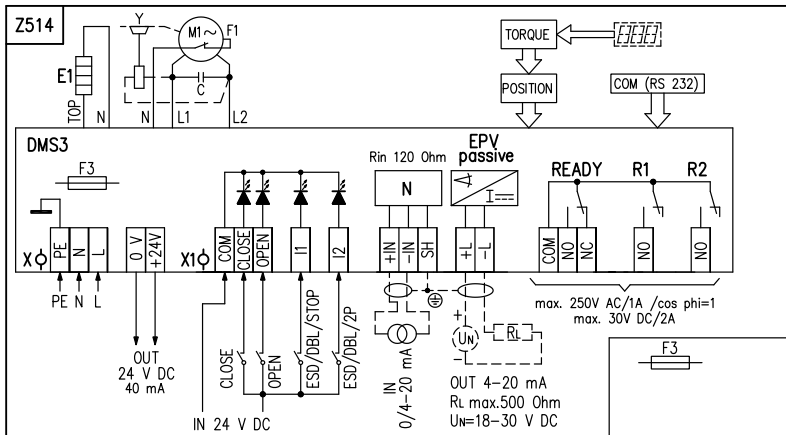
| / | | | | ↓ | ↓ |
|---|---|--|-------|---|---|
| A | | | | 0 | 1 |
| B | | | | 0 | 3 |
| D | RE3, RE4, RE5 (DMS3 RE3) ⁷¹⁾ | | Z500a | 0 | 5 |
| E | RE1, RE2, RE3, RE4, RE5, READY (DMS3 RE6) ⁷¹⁾ | | Z500 | 0 | 6 |
| F | LCD (-40°C) | | Z473a | 0 | 7 |
| K | „e“ ⁷²⁾ | | - | 1 | 1 |

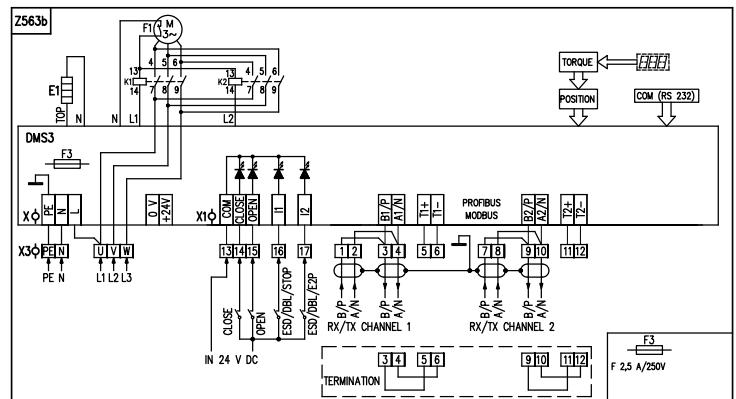
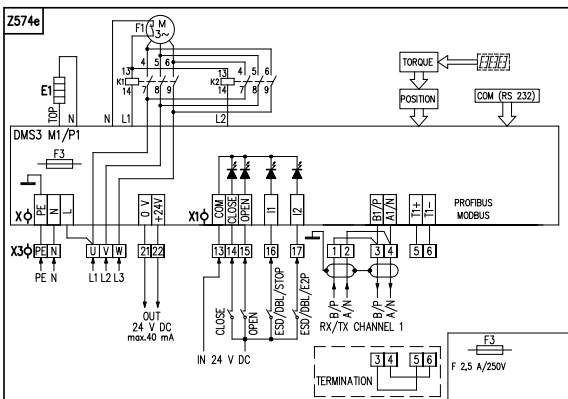
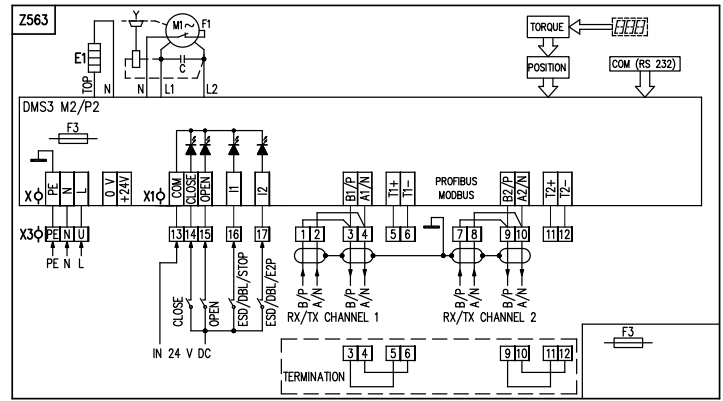
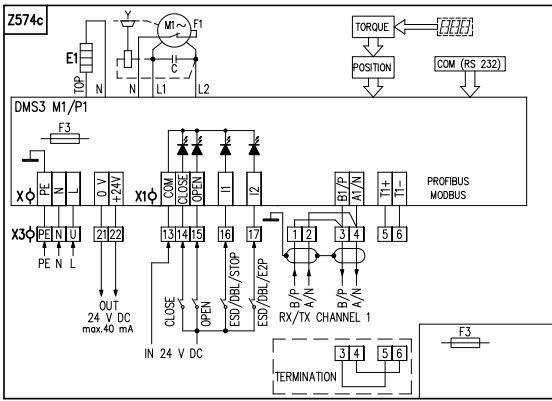
: A+B=20, A+D=22, A+E=23, A+F=24, B+D=29, B+E=30, B+F=31, D+F=40 ,E+F=44, A+B+D=52, A+B+E=53, A+B+F=54, A+D+F=63, A+E+F=67, B+D+F=80, B+E+F=84, A+B+E+F=113, A+B+D+F=114

| | |
|-----------------|-------------|
| DB-9F/RJ45 DMS3 | 224 A80 100 |
|-----------------|-------------|

10) ISO 9223/ EN ISO 12944-2.
 11) IP 68 - 10 /96
 24) 60 , 60 100 % . 80 % .
 31) 60 100 % .
 32) S2-10 min a S4-25% 90 / .
 33) S4-25% , 90 - 1200 / .
 42) .
 62) () .
 63) .
 64) Ø 8 .
 65) "de"
 71) PROFIBUS MODBUS RTU. Profibus Modbus.
 72) „d“ „de“ („e“) Exd

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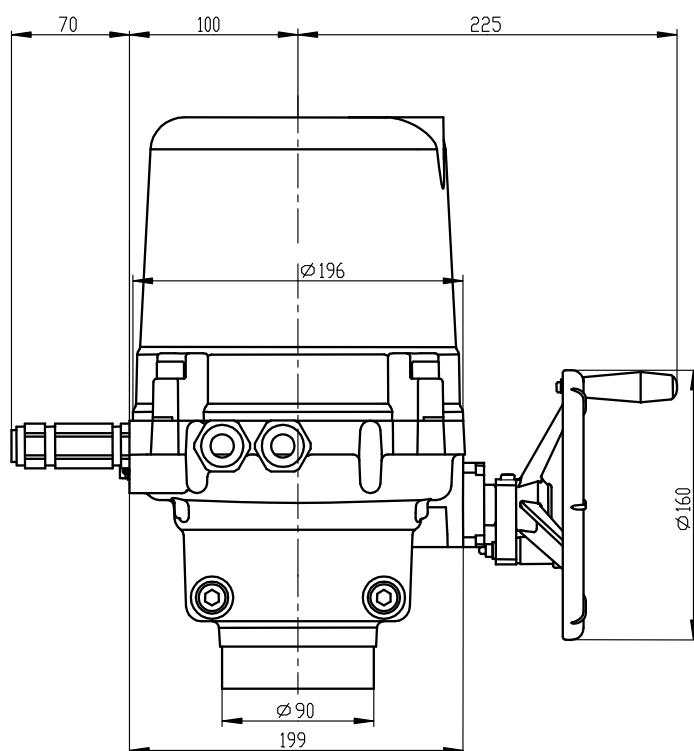
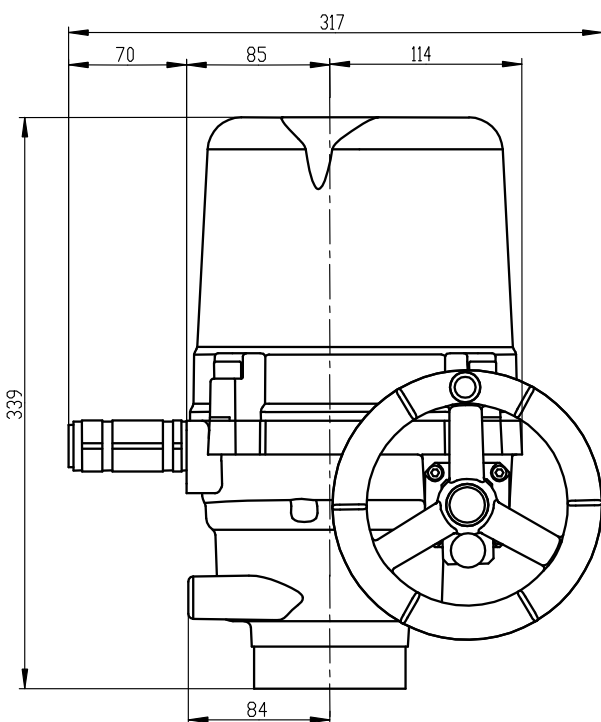
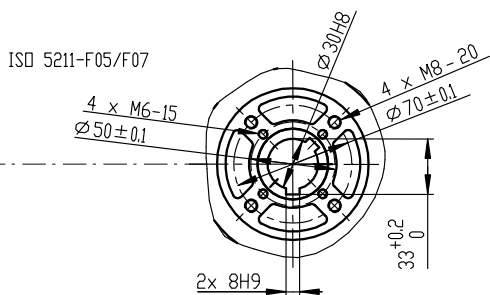
32
2.5
d.
3
2

IECEX/ATEX

| | | | |
|------------------------------|--------------------------------------|---------------------------------------|------------------|
| X - | | | |
| PE, U, V, W | (0,05 - 2,5 mm ²) | (3x400 / 3x380 V AC, 50 Hz | |
| 0 V, +24 V |2 | (0,05 - 1 mm ²) | 24 V DC (100 mA) |
| X1 - | | | |
| COM, CLOSE OPEN, I1, I2 ... | (0,05 - 1 mm ²) | | 24 V DC |
| +IN, -IN, SH..... | (0,05 - 1 mm ²) | | 0/4-20 mA |
| +L, -L | (0,05 - 1 mm ²) | | () 4-20 mA |
| COM, NO, NC | (0,05 - 1,5 mm ²) | READY (|) |
| R1, R2..... | (0,05 - 1,5 mm ²) | R1, R2 (|) |
| COM, NO, NC | (0,05 - 1,5 mm ²) | READY (|) |
| X2 - | | | |
| COM1, RE1, RE2, RE3, RE4 ... | (0,05 - 1,5 mm ²) | RE1 RE4 (|) |
| COM5, NO, NC..... | (0,05 - 1,5 mm ²) | RE5 (|) |
| X3 - | | | |
| L1, L2, L3 | svorky (0,05 - 1,5 mm ²) | napájacieho napätia 3x400 V AC, 50 Hz | |
| READY | | | R1 R2 |
| R 1 R 2 | | | |

| | | | | |
|------------|-----------|----|---|-----------------------|
| Z473a ... | | | | |
| Z500 | | 6- | | |
| Z500a ... | | 3- | | |
| Z514 | | | a | 0/4 - 20 mA c |
| Z515 | | | a | |
| Z523 | | | a | 0/2 - 10 V c |
| Z532 | 4 - 20 mA | a | | 0/4 - 20 mA c |
| Z536 | 4 - 20 mA | a | | 0/2 - 10 V c |
| Z537 | | | a | |
| Z563 | | | e | MODBUS / PROFIBUS - |
| Z563b ... | | | | e MODBUS / PROFIBUS - |
| Z574c ... | | | e | MODBUS / PROFIBUS - |
| Z574e ... | | | | e MODBUS / PROFIBUS - |

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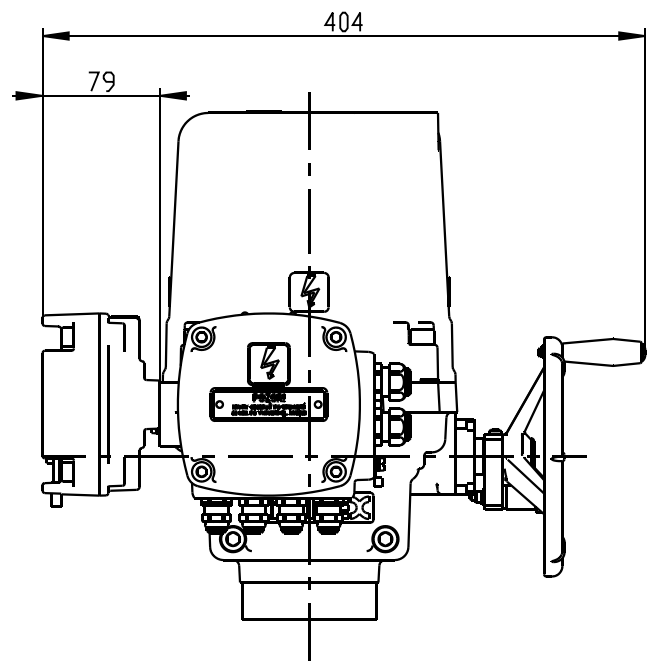
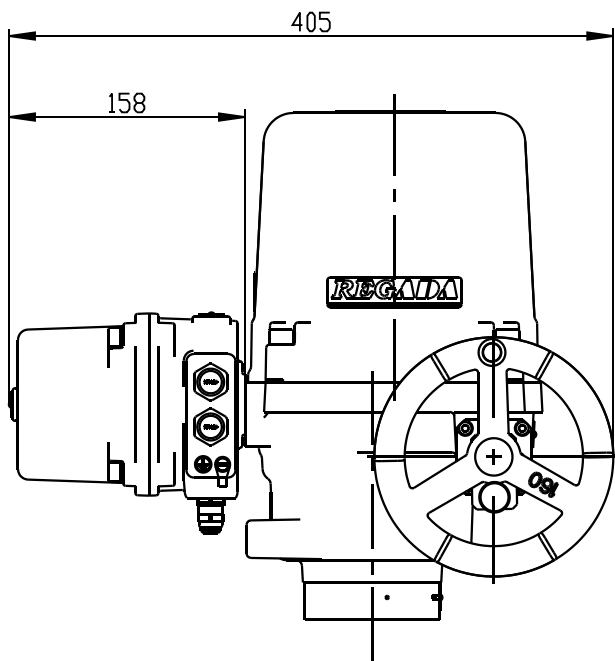


| D-xx | | L-xx | | H-xx | | V-xx | | V-30 | | |
|------|----|------|----|------|----|------|------|------|------|---|
| | | | | | | | | | | |
| ISO | | ISO | | ISO | | ISO | | | | |
| D-xx | U | L-xx | U | H-xx | U | V | V-xx | W | Z | X |
| D-17 | 17 | L-17 | 17 | H-17 | 17 | 25 | V-30 | 30 | 32.5 | 8 |
| D-16 | 16 | L-16 | 16 | H-14 | 14 | 22 | V-20 | 20 | 22.5 | 6 |
| D-14 | 14 | L-12 | 12 | H-13 | 13 | 19 | V-18 | 18 | 20.5 | 6 |
| D-12 | 12 | L-11 | 11 | H-11 | 11 | 18 | V-17 | 17 | 19.5 | 6 |
| D-11 | 11 | L-9 | 9 | H-10 | 10 | 16 | | | | |
| D-9 | 9 | | | H-8 | 8 | 13 | | | | |

Profibus Modbus

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„de“



P-2082