

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 V
- 24 V DC - , ,
- 24 V DC - , ,
-
- ESD ()
- - 4 - 20 mA a ()¹⁾
- 24 V DC, 40
- (, , .)
-
- LED
- RS 232
-
- ISO 5210
-
- IP 66 / IP 68
-
- RE3, RE4, RE5¹⁾
- RE1, RE2, RE3, RE4, RE5, READY¹⁾
- PROFIBUS DP V0/V1,
- MODBUS RTU,

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147	x	-	x	x	x	x	x	/	x	x
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/	o	e	10)			
3.1		-25°C ... +55°C	C3	T5	IP 66/IP 68 ¹¹⁾	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

		23)			
	50 Hz	230 V AC	Z514, Z523, Z515	0	
		220 V AC	Z574c, Z563	L	
	60 Hz ²⁴⁾	120V AC	Z514, Z523, Z515	T	
		110 V AC	Z574c, Z563	B	
-	50 Hz	3x400 V AC	Z532b, Z536b, Z537b	2	
		3x380 V AC	Z574d, Z563a	N	
	50 Hz	3x400 V AC	Z532f, Z536f, Z537f	E	
c		3x380 V AC		F	

230 (220) V AC			3x400 (380) V AC					
31)	32) 33)			32) 33)				
	« - »			« - »		50 Hz	60 Hz	
80 Nm	48Nm	32 Nm	100 Nm	60 Nm	40 Nm	10 min ⁻¹	12 min ⁻¹	A
55 Nm	33 Nm	22 Nm	80 Nm	48 Nm	32 Nm	10 min ⁻¹	12 min ⁻¹	E
						15 min ⁻¹	18 min ⁻¹	B
40 Nm	24 Nm	16 Nm	60 Nm	36 Nm	24 Nm	10 min ⁻¹	12 min ⁻¹	F
						15 min ⁻¹	18 min ⁻¹	G
						20 min ⁻¹	24 min ⁻¹	C
30 Nm	18 Nm	12 Nm	30 Nm	18 Nm	12 Nm	10 min ⁻¹	12 min ⁻¹	H
						15 min ⁻¹	18 min ⁻¹	J
						20 min ⁻¹	24 min ⁻¹	K
-	-	-				40 min ⁻¹	48 min ⁻¹	D

	20	2 - 160	A
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DMS3	2P	24 V DC		-	Z515, Z537b Z537f	F
	3P/2P	0/4 - 20 mA	24 V DC		4 - 20 mA	Z514, Z532b Z532f
0/2 - 10 V				Z523, Z536b Z536f		H
DMS3 M1	/ 2P	MODBUS RTU			Z574c, Z547d	M
DMS3 M2			24 V DC		Z563, Z563a	N
DMS3 P1		PROFIBUS DP V0 / V1			Z574c, Z547d	P
DMS3 P2					Z563, Z563a	R

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147. x - x x x x x / x x

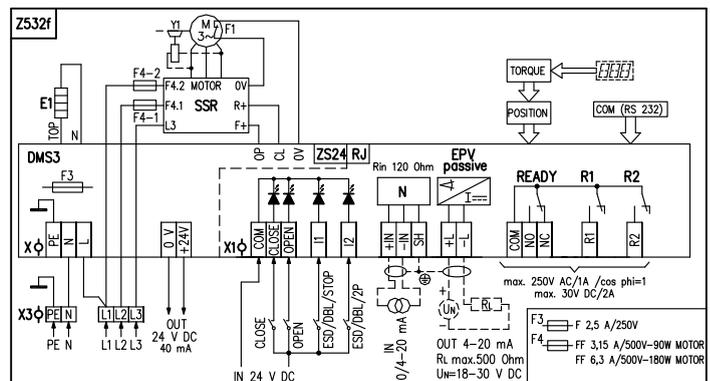
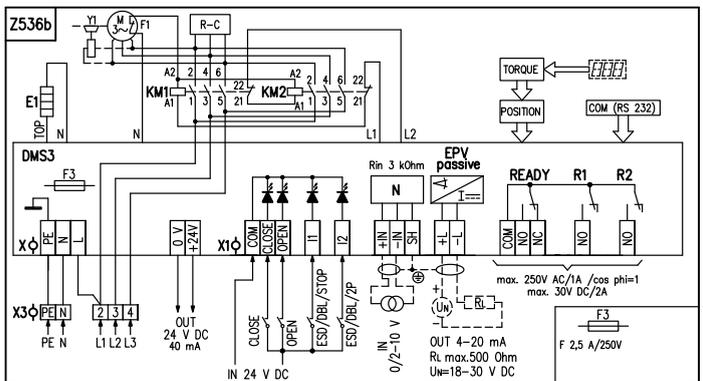
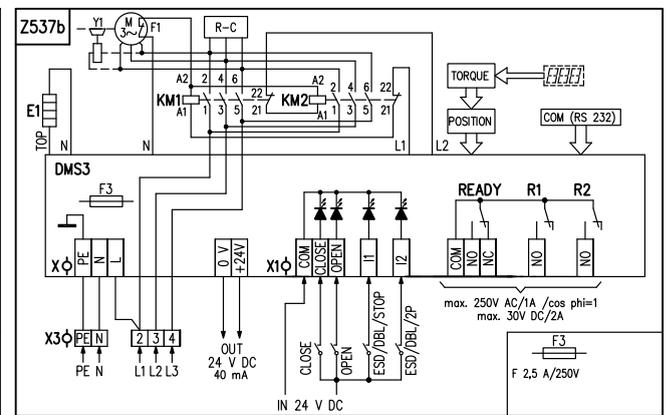
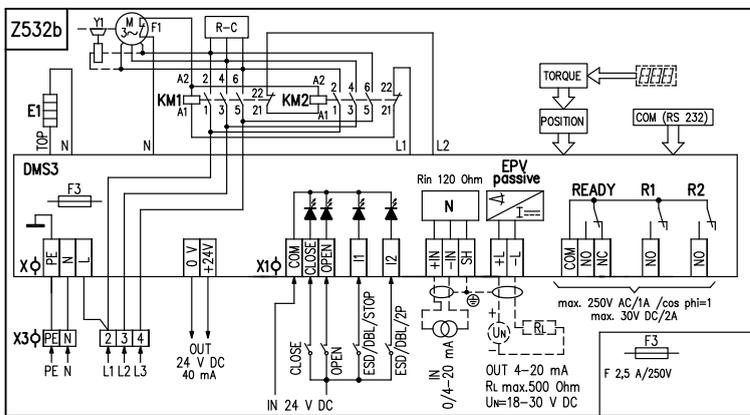
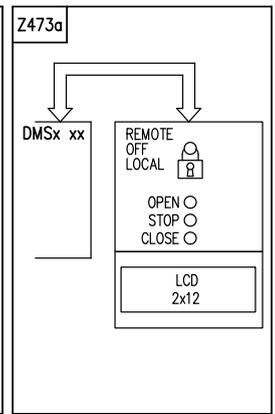
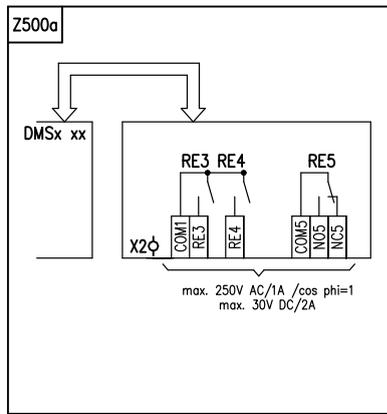
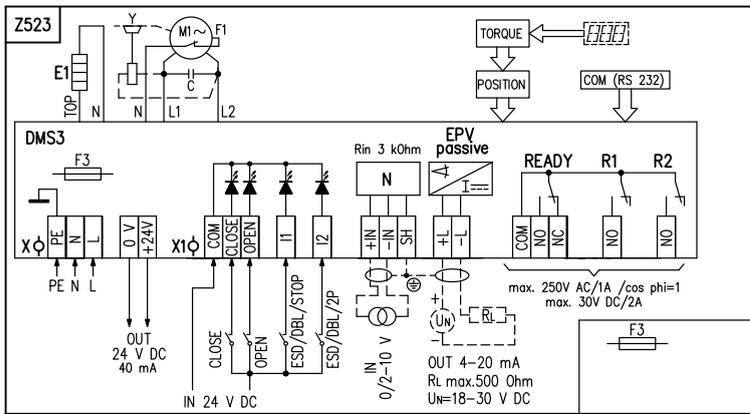
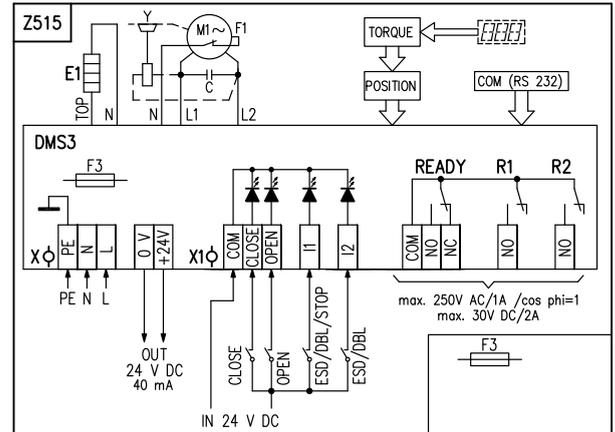
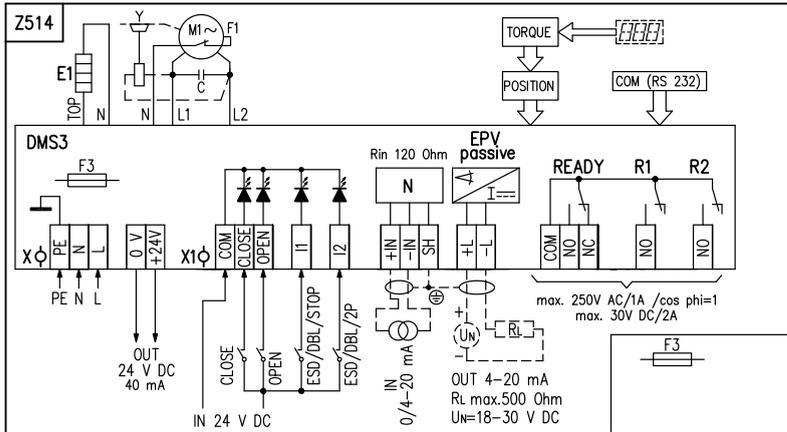
		/					
ISO 5210	F07	N	B3	Ø16	P-2083 ⁶⁵⁾	P-xxxx	A
		Y/55	B4	Ø25			B
			B1/B2	Ø28			Z
	F10	N	B3	Ø20		P-1483	C
		Y/70	B1/B2	Ø42		P-xxxx	Y
		Y/70	C	14/Ø28/Ø42		P-1498	M
	F07 ⁶¹⁾	Y/55	A	Max. TR26 ⁶³⁾		P-xxxx	D
	F10	N					
	G0	Y/60 ⁶²⁾					
		G0	Y/60	E		Ø20	P-xxxx
			C	14/Ø28/Ø42	P-xxxx	L	
F07		N	-	-	Ø20	P-1497	N
			-	-	Ø30		P
F10			-	-	Ø20	P-1498	Q
			-	-	Ø30		R
55510	64x30/4xM6	-	-	11x11	P-1499	S	
		-	-	35°/37°; Ø32/Ø25	P-xxxx ⁶⁷⁾	T	
	Ø104/4xØ15	-	-	19x19	P-xxxx	U	
		-	-	35°/37° Ø46/Ø28	P-xxxx ⁶⁸⁾	V	
				P-xxxx ⁶⁹⁾	W		

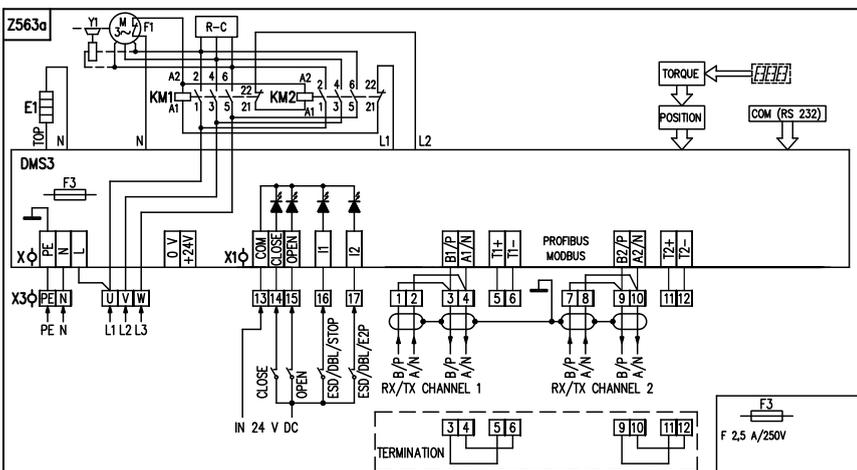
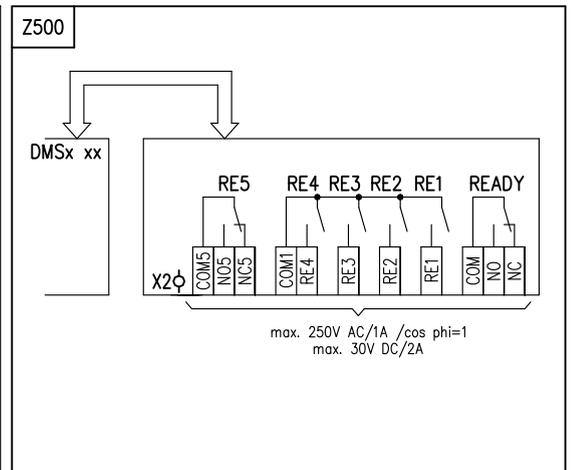
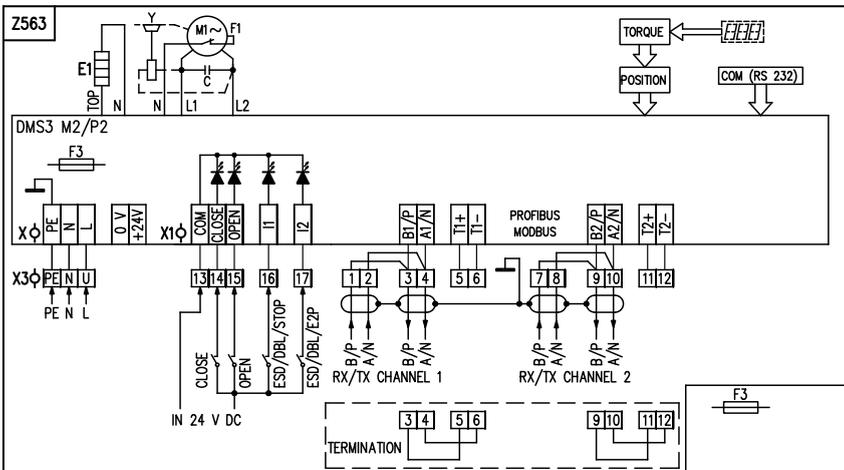
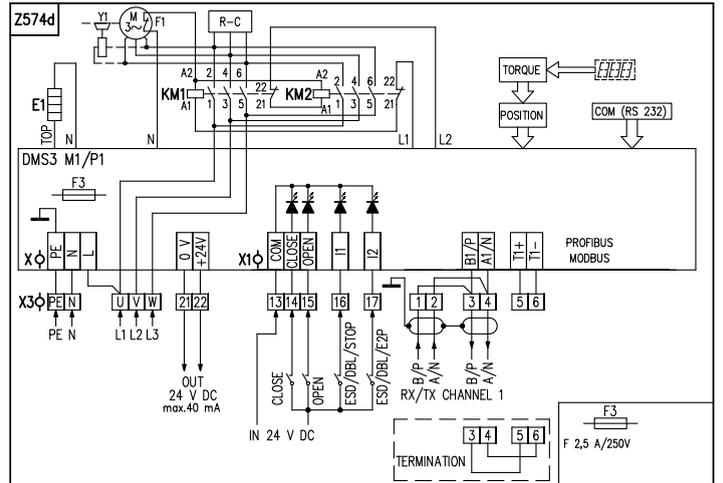
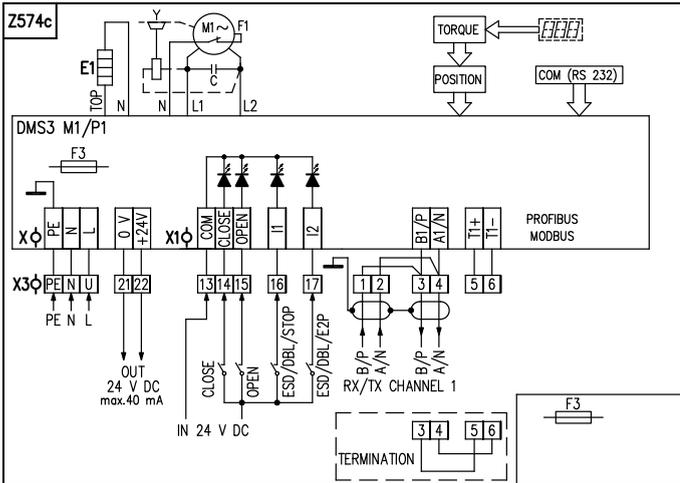
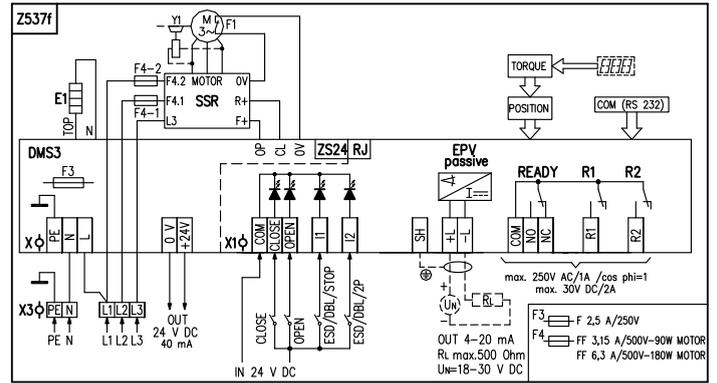
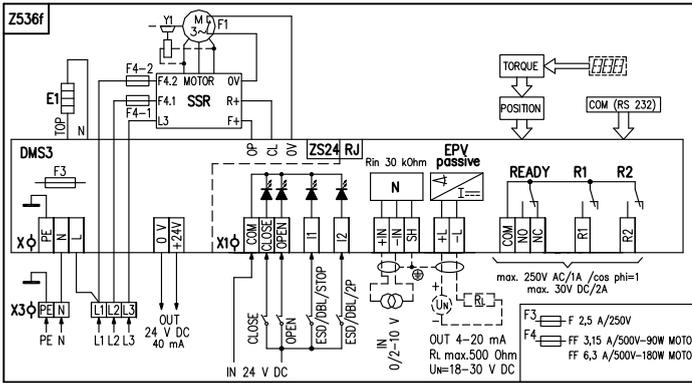
/				
na 20				
A			0	1
B			0	3
D	RE3, RE4, RE5 (DMS3 RE3) ⁷¹⁾	Z500a	0	5
E	RE1, RE2, RE3, RE4, RE5, READY (DMS3 RE6) ⁷¹⁾⁷²⁾	Z500	0	6
F	LCD (P-2083. -40°C)	Z473a	0	7
K	„e“ P-2083. ⁷³⁾	-	1	1
: A+B=20, A+D=22, A+E=23, A+F=24, B+D=29, B+E=30, B+F=31, D+F=40 ,E+F=44, A+B+D=52, A+B+E=53, A+B+F=54, A+D+F=63, 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
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- 10) : ISO 9223/EN ISO 12944-2.
- 11) IP 68 - 10 /96
- 24) 60 , 60 100 %.
- 31) 80 %.
- 32) S2-10 min a S4-25% 90 / .
- 33) S4-25% , 90 - 1200 / .
- 61) F07-A .40
- 62) Ø 60
- 63) Ø 26.
- 65) „de“ Profibus Modbus.
- 67) 50 .
- 68) 100 .
- 69) 150 .
- 71) PROFIBUS MODBUS RTU.
- 72) 3x400/3x380 V.
- 73) „d“ „de“ („e“).

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32 2,5 d. " " 2

IECEx/ATEX

X -
 PE, U, V, W (0,05 - 2,5 mm²) (3x400/3x380 V AC, 50 Hz
 0 V, +24 V2 (0,05 - 1 mm²) 24 V DC (100 mA)
X1 -
 COM, CLOSE OPEN, I1, I2 ... (0,05 - 1 mm²) 24 V DC
 +IN, -IN, SH (0,05 - 1 mm²) 0/4-20 mA
 +L, -L (0,05 - 1 mm²) () 4-20 mA
 COM, NO, NC (0,05 - 1,5 mm²) READY ()
 R1, R2 (0,05 - 1,5 mm²) R1, R2 ()
 COM, NO, NC (0,05 - 1,5 mm²) READY ()
X2 -
 COM1, RE1, RE2, RE3, RE4 ... (0,05 - 1,5 mm²) RE1 RE4 ()
 COM5, NO, NC (0,05 - 1,5 mm²) RE5 ()
X3 -
 L1, L2, L3svorky (0,05 - 1,5 mm²) napájacieho napätia 3x400 V AC, 50 Hz
 READY READY R1 R2
 R 1 R 2

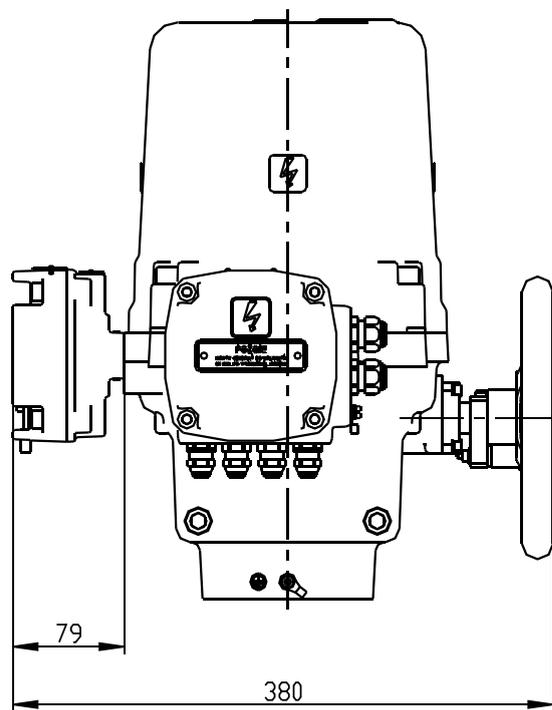
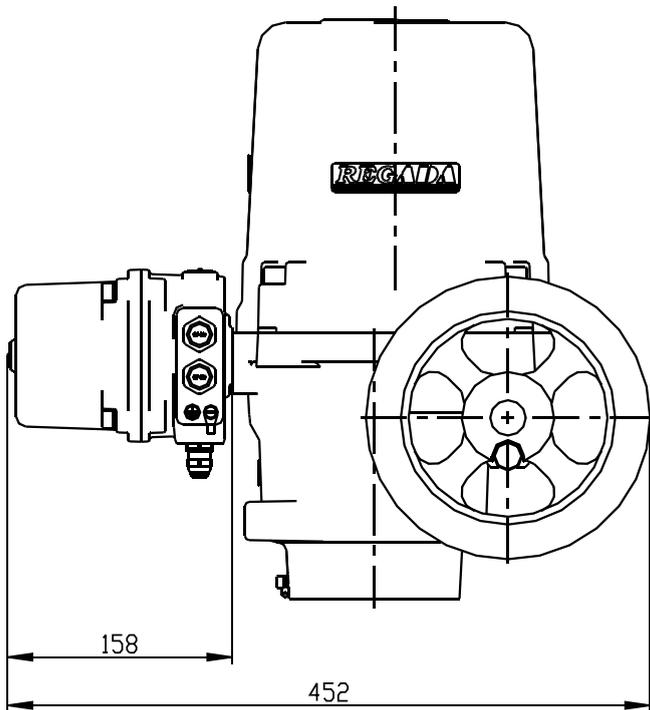
Z473a ...
 Z500 6-
 Z500a ... 3-
 Z514 a 0/4 - 20 mA c
 4 - 20 mA a
 Z515 a
 Z523 a 0/2 - 10 V c
 4 - 20 mA a
 Z532b ... a 0/4 - 20 mA c
 4 - 20 mA a , a 0/4 - 20 mA c
 Z532f 4 - 20 mA a , c a 0/2 - 10 V c
 Z536b ... 4 - 20 mA a , a 0/2 - 10 V c
 Z537b ... a
 Z536f 4 - 20 mA a , c a 0/2 - 10 V c
 Z537f a
 Z563 e MODBUS/PROFIBUS -
 Z563a ... e MODBUS/PROFIBUS -
 Z574c ... e MODBUS/PROFIBUS -
 Z574d ... e MODBUS/PROFIBUS -

COM(RS232) PC
 DMS3
 EPV passive (EPV)
 E1
 F1
 F2
 F3 F6
 M
 N
 R
 POSITION
 Rin
 RL
 UN EPV
 R1
 R2
 READY ()
 RE1 o RE5
 TORQUE
 SSR (solid state)
 X
 X1
 X2
 IN
 OUT

Profibus Modbus

U R 2PA-Ex

„de“



P-2083