

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

UPR 1PA-Ex

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)
- READY
- - 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 ()
- 24 V DC, 40
- (, , .)
- LED
- RS 232
- ISO 5210
- IP 66 / IP 67
- RE3, RE4, RE5
- RE1, RE2, RE3, RE4, RE5, READY
- PROFIBUS DP V0/V1,
- MODBUS RTU,

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346	x	-	x	x	x	x	x	/	x	x
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10)		e						
15150	3.1	60721-2-1	(R)+WDr, MWDr, EWDr	-25°C ÷ +55°C	C3	T5	IP 66/IP 67	1
					C4		2	
					C3		5	
	3 ()		(M)	-50°C ÷ +40°C	C3			3
	3 ()			-25°C ÷ +55°C	C3		IP 66/IP 67	6
	3 ()		(WW)	-50°C ÷ +40°C	C4			7

		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	
			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)	33)	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
						40 s/90°	34 s/90°	P
100 Nm	60 Nm	40 Nm	100 Nm	60 Nm	40 Nm	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
50 Nm	30 Nm	20 Nm	50 Nm	30 Nm	20 Nm	80 s/90°	66 s/90°	J
						40 s/90°	34 s/90°	L
						20 s/90°	17 s/90°	N
45 Nm	27 Nm	18 Nm	50 Nm	30 Nm	20 Nm	10 s/90°	8 s/90°	R
						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		PROFIBUS DP V0 / V1			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	Ø17 ⁶²⁾	N			
D-9	9x9	M			
D-12	12x12	1			
V-17	Ø18 ⁶²⁾	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			

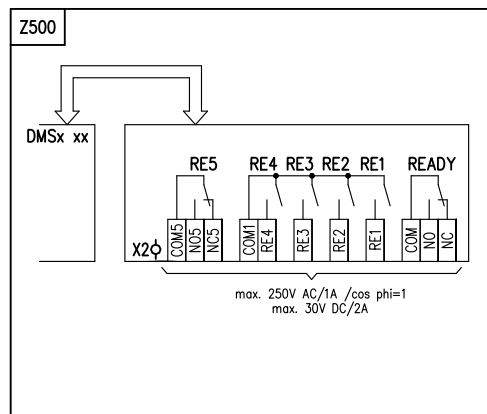
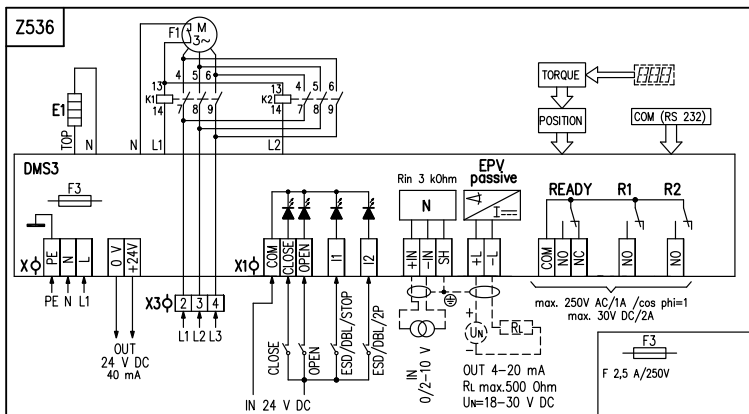
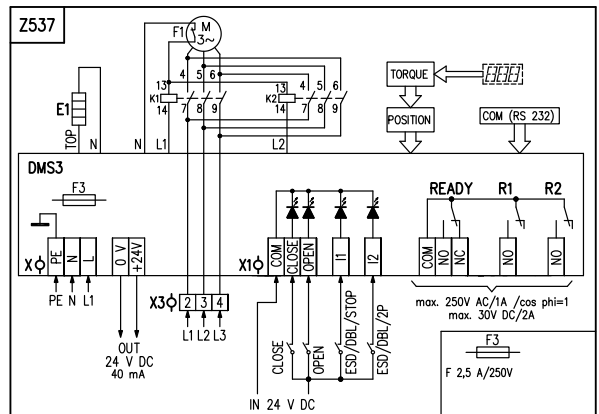
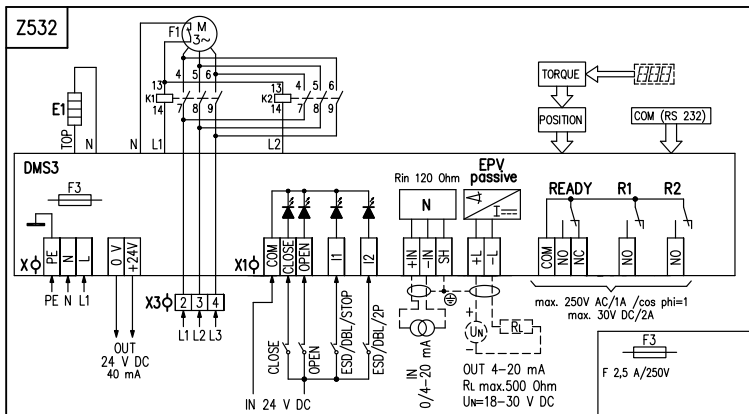
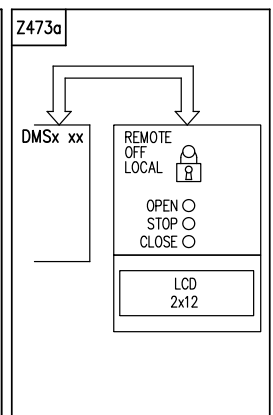
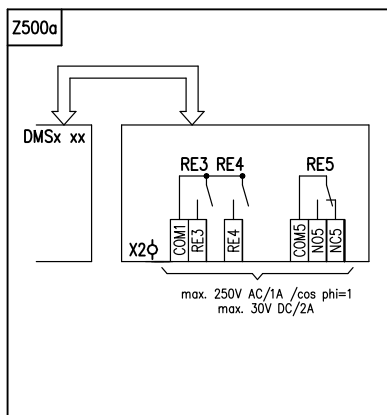
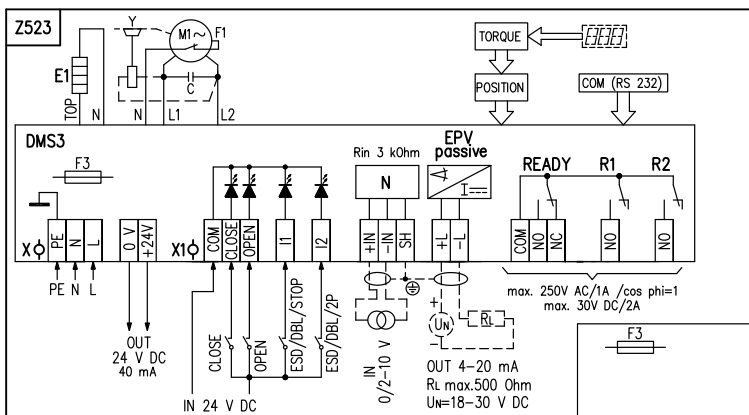
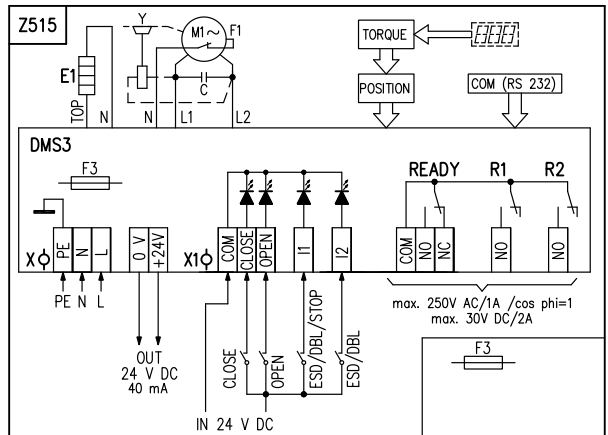
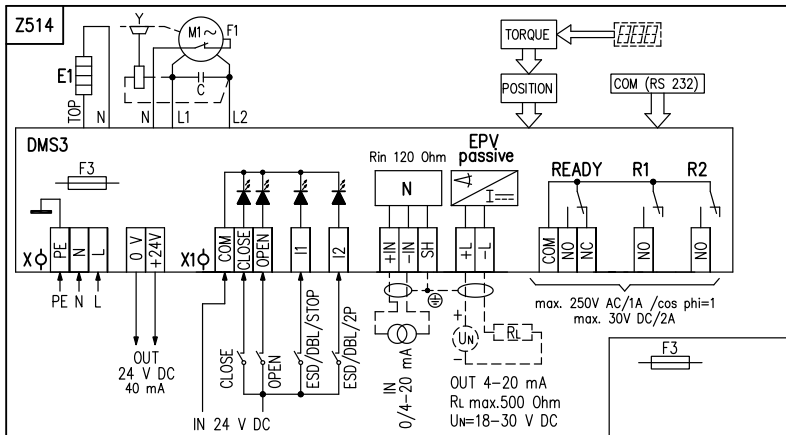
/			↓	↓
A			0	1
B			0	3
D	RE3, RE4, RE5 (DMS3 RE3) ⁷¹⁾	Z500a	0	5
E	RE1, RE2, RE3, RE4, RE5, READY (DMS3 RE6) ⁷¹⁾	Z500	0	6
F	LCD (-25°C)	Z473a	0	7
K	„e“ P-2082. ⁷²⁾	-	1	1

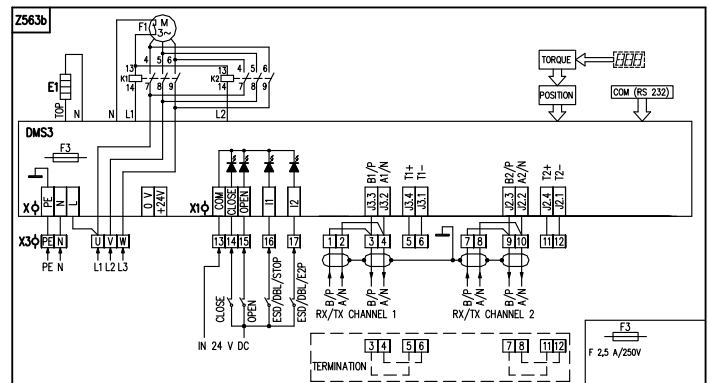
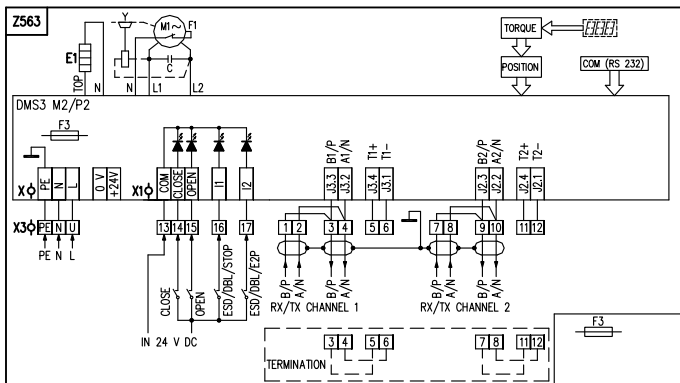
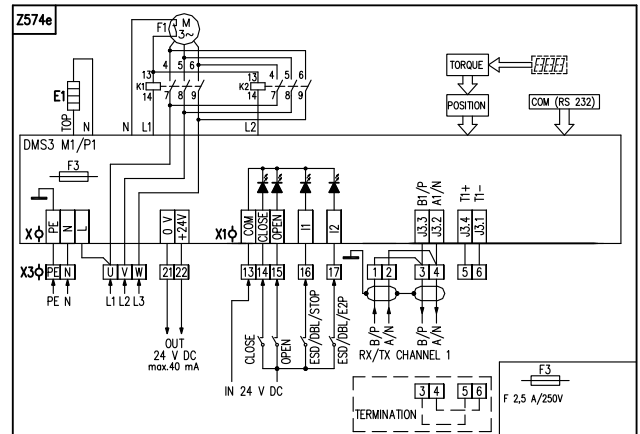
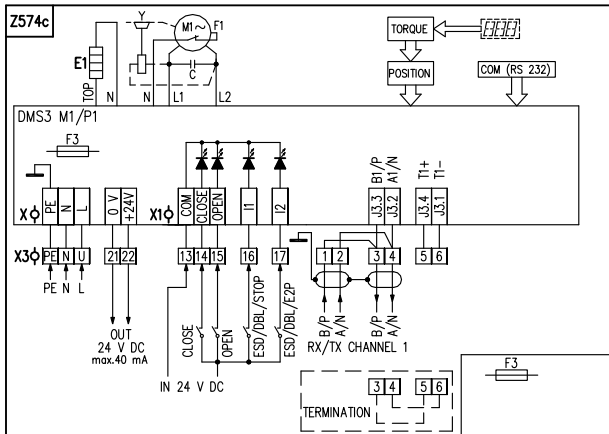
: A+B=20, A+D=22, A+E=23, A+F=24, B+D=29, B+E=30, B+F=31, D+F=40, E+F=44, A+B+D=52, A+B+E=53, A+B+F=54, A+D+F=63, A+E+F=67, B+D+F=80, B+E+F=84, A+B+E+F=113, A+B+D+F=114

DB-9F/RJ45 DMS3	224 A80 100
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10) :
 11) IP 68 - 10 / 48 » .2.
 23) " .
 24) 60 , 60 100 % . 80 % .
 31) S2-10 min a S4-25% 90 / .
 32) S4-25% , 90 - 1200 / .
 42) F05 , F07 F05
 61) () .
 62) Ø8 .
 63) 230/220 V AC 3x400/3x380 V AC .
 64) PROFIBUS MODBUS RTU .
 71) „d“ „e“ (Exd
 72) „e“ „de“ (

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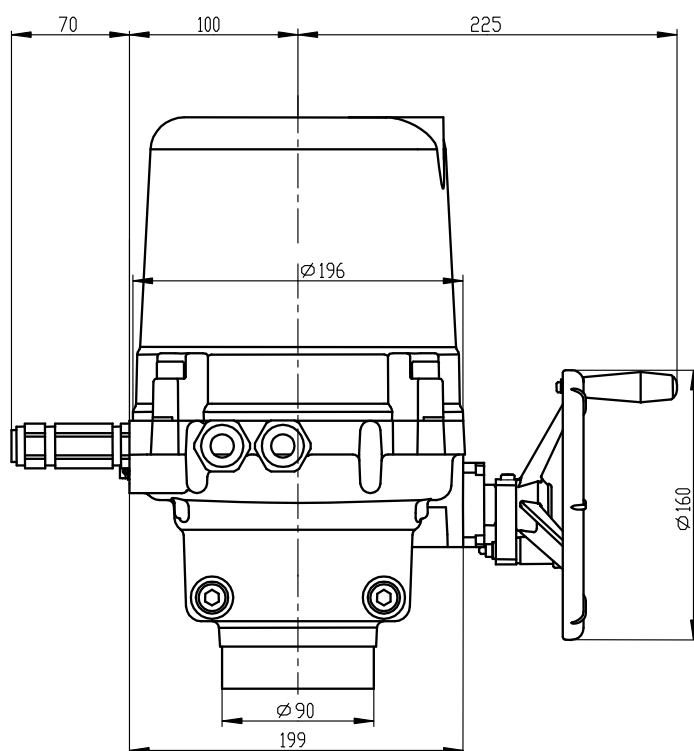
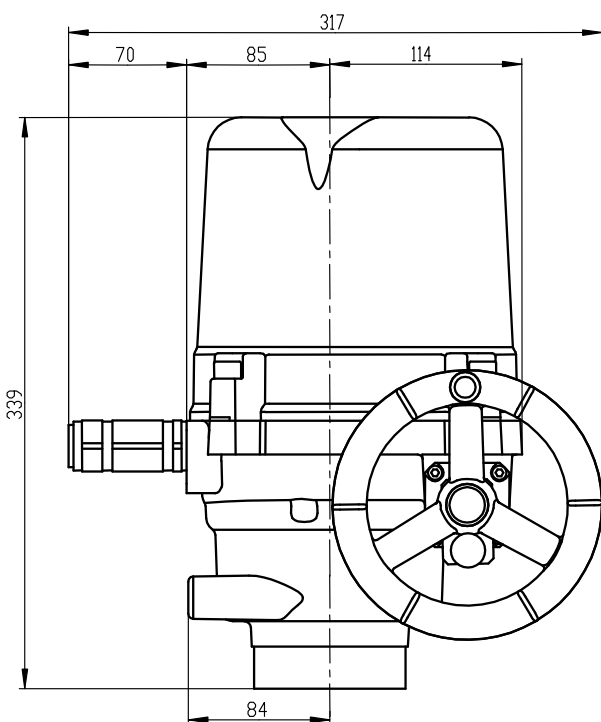
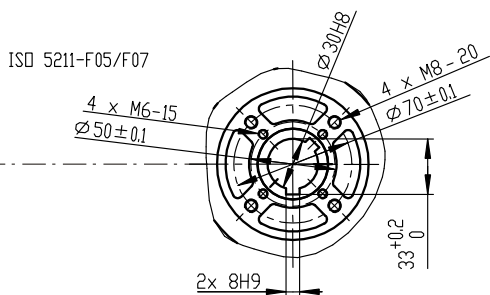
32
2,5
3
d.
" "
2

IECEX/ATEX

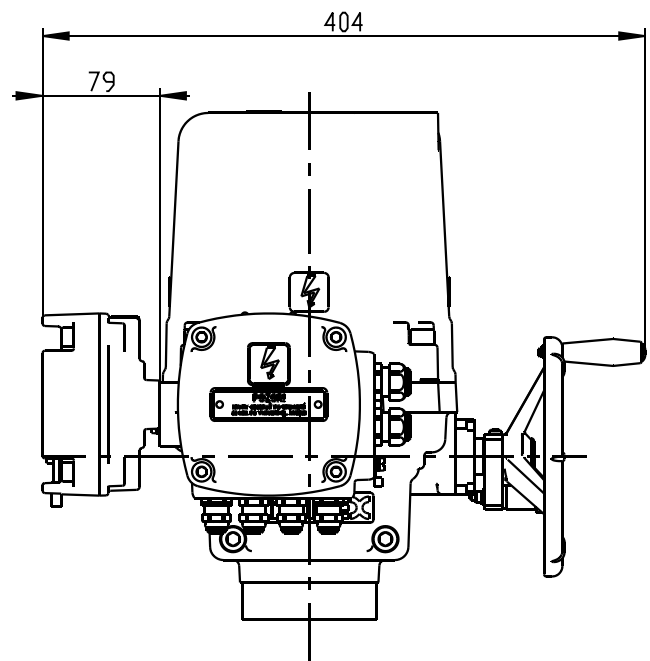
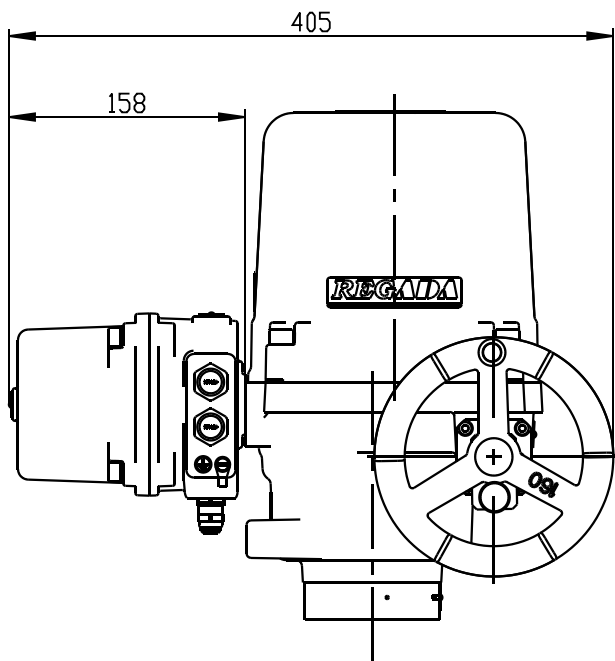
X -			
PE, U, V, W	(0,05 - 2,5 mm ²)	(3x400/3x380 V AC, 50 Hz	
0 V, +24 V2	(0,05 - 1 mm ²)	24 V DC (100 mA)
X1 -			
COM, CLOSE, OPEN, I1, I2 ...	(0,05 - 1 mm ²)		24 V DC
+IN, -IN, SH.....	(0,05 - 1 mm ²)		0/4-20 mA
+L, -L	(0,05 - 1 mm ²)		() 4-20 mA
COM, NO, NC	(0,05 - 1,5 mm ²)	READY ()
R1, R2.....	(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		READY	R1 R2
R 1 R 2			

Z473a ...				
Z500		6-		
Z500a ...		3-		
Z514			a	0/4 - 20 mA c
Z515	4 - 20 mA		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				



P-2082

