

# 1

## General Information

### 1.2 Model Code

											Special
Marking	a	b	c	d	e	f	g	h	h1	i	j
Type:	638	X	XX	X	F	X	STO	XXX	XXX	XXX	XXX
Marking	Description										
a	638 = 6th. Generation Digital Servo Drive										
b	Size:										
	A = Size A			B = Size B			C = Size C				
c	Rated Current:			Rated Current:			being prepared				
	01 = 1,0 amps			03 = 2,5 amps							
	02 = 2,0 amps			05 = 5,0 amps							
	04 = 4,0 amps			08 = 7,5 amps							
	06 = 6,0 amps			10 = 10,0 amps							
				15 = 15,0 amps							
d	Intermediate Voltage:										
	638A			638B							
	3 = 325 VDC / 230 VAC			3 = 325 VDC / 230 VAC							
				6 = 565 VDC / 400 VAC							
				7 = 678 VDC / 480 VAC							
e	F = With Integrated Filter = Standard										
	A = less leakage current (AC-side Y-capacitors deactivated; JP600 open)										
f	0 = Without EMC - Clip = Standard										
g	Safety Performance:										
	STO = Safe Torque Off = Standard										
h	Additional option-module RP -XXX on the drive for communication via <b>COM2</b>										
	000 = No Option										
	232 = RS 232 interface ≙ slot A (A, B)										
	422 = RS 422 interface ≙ slot A (B)										
	485 = RS 485 interface ≙ slot A (B)										
	CAN = CAN – Bus ≙ slot A (B)										
	2CA = 2 x CAN (without I/O's) ≙ slot B (A) / [C*]										
	2C8 = 2 x CAN + 4 outputs and 4 inputs ≙ slot B (A) / [C*]										
	CCA = 2 x CAN + RS 485 ≙ slot B (A)										
	PC8 = 2 x CAN2 + 4 outputs and 4 inputs + RS 485 ≙ slot B (A)										
	DEV = CAN - Bus / DeviceNet ≙ slot B (A)										
	SUC = SUCOnet K ≙ slot B (A)										
	PDP = Profibus DP ≙ slot B (A)										
	IBS = Interbus S ≙ slot B (A)										
	PC8 = Profibus DP + CAN2 + 4 outputs and 4 inputs + RS 485 ≙ slot B (A)										
	PCA = Profibus DP + CAN2 + RS 485 ≙ slot B (A)										
	EA5 = I/O - Interface (5 inputs, 2 outputs) ≙ slot B (A)										
h1	Additional Options Module on the drive via <b>X200</b>										
	000 = No Option										
	EAE = I/O - Interface (14 inputs, 10 outputs) ≙ slot C										
i	X300 – Functions Module										
	RD2 = Standard X30 Resolver – Module 2nd Version = Standard ≙ slot D										
	HF2 = HIPERFACE® – Module 2nd Version ≙ slot D										
	SC2 = Sine / Cosine - Module 2nd Version ≙ slot D										
	<b>with Memorychip as of firmware V 8.35</b>										
	RM1 = Resolver + Memory- Module 2nd Version ≙ slot D										
	HM1 = HIPERFACE® + Memory- Module 2nd Version ≙ slot D										
	SM1 = Sine/Cosine + Memory- Module 2nd Version ≙ slot D										
j	Enter only when used										
	X7x = Broad-band contact X10.7 - X10.8										
	BSx = Moisture/Condensation Protection										

\*Only CAN2 can be employed when utilizing the option module located at slot [C], (internal BUS / COM3 B).