















- (\*1) IP 00/IP20: Panel mount.
- (\*2) IP 21: NEMA Type 1
- (\*3) IP 54: NEMA Type 12

*Limitations:* Converters which exceed the limits for radiated and conducted emissions of IACS E10 can be installed in "special power distribution zone" according to IEC 60533. For installations in "general distribution zone" measures must be taken to attenuate the effects on the distribution system. Planned EMC measures according to IEC 60533 shall be assessed prior to installation on board.

Ruggedized boards selection "R" in character 20, or H5 in character 16-17 must be selected.

#### **Selection types for Type Codes for FC 100 / FC 200 / FC 300**

\_\_\_\_\_ ( character 24 – 39 software + options)  
 1      4      7    10 11      23

#### Basic string definitions:

- *Product Group (character 1-3)*

FC-: Adjustable Frequency Converters

- *VLT series (character 4-6)*

102: VLT HVAC Drive – Advanced version

202: VLT AQUA Drive – Advanced version

302: VLT Automation Drive – Advanced version

- *Power size (character 7-10)*

P: Power (standard design)

P110: 110 kW / 150 HP

N110: 110 kW / 150 HP

- *Voltage: (character 11-12)*

T4: Three phase 380-480 VAC

T5: Three phase 380-500 VAC

T7: Three Phase 525-690 VAC

- *Enclosure (character 13-15)*

E20: IP 20 / Chassis

E2S: IP 20 / Chassis (medium power D-Frame)

E21: IP 21 / Type 1

E2D: IP 21 / Type 1 (medium power D-Frame)

H21: IP 21 / Type 1 heater

E54: IP 54 / Type 12

H54: IP 54 / Type 1 heater

E5H: Hybrid IP 54

E2M : IP21/ Type 1 with mains shield

E5M : IP54/ Type 12 with mains shield

E5D : IP54/ Type 12 (medium power D-Frame)









