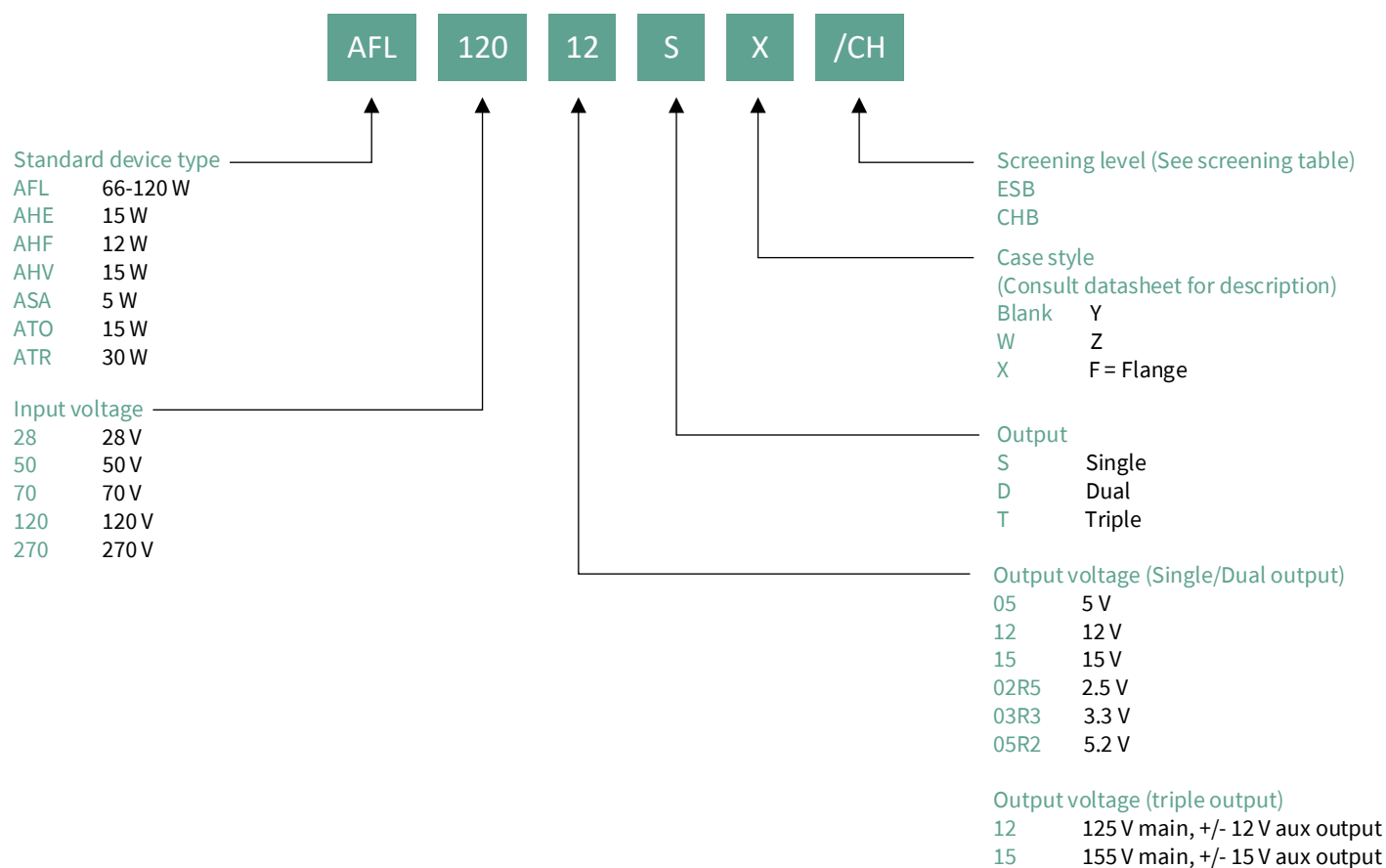


## A&D DC-DC converters nomenclature



### Screening table

Requirement	MIL-STD-883 Method	CHB	ESB ①④
Temperature range	-	-55°C to +125°C	-55°C to +125°C ②
Element evaluation	MIL-PRF-38534	Class H	-
Internal visual	2017	Class H	Class H
Temperature cycle	1010	Condition C	Condition B
Constant acceleration	2001, Y1 axis	3000 Gs	500 Gs
Burn-in	1015	160 hours at 125°C	48 hours at 125°C ③
Final electrical (group A)	MIL-PRF-38534 & specification	-55°C, +25°C, +125°C	25°C ①
Percent defective allowable	MIL-PRF-38534	10%	-
Seal, fine & gross	1014	Condition A, C	Condition A, C
External visual	2009	Yes	Yes

- ① Sample tests at low and high temperatures
- ② -55°C to 105°C for AHE and ATO, -55°C to 105°C for all other models
- ③ 105°C for AHE and ATO, 125°C for all other models
- ④ Device is not compliant to MIL-PRF-38534

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