The difference among LX3V, LX3VP, LX3VE and LX3VM

1. List

	LX3V	LX3VP	LX3VE	LX3VM
N:N network	No	Yes	Yes	Yes
High-speed outputs	200 KHz*2 100 KHz*2 The total must be less than 400 KHz	200 KHz*4	200 KHz*4	200 KHz*4
Ladder capacity	16K	64K	32K	32K
S-type acceleration and deceleration	No	No	Yes	Yes
Jitter pulse	No	No	Yes	Yes
E-CAM	No	No	Yes	Yes
Circle interpolation	No	No	No	Yes

2. Explanation

1) LX3VP is a new model that adds more functions on the basis of LX3V.
   - New N: N network communication.
   - Improves the 4-axis high-speed pulse output frequency
   - Enhance the ladder capacity and other functions

2) LX3VE series PLC is the expansion series on the basis of LX3VP. LX3VE has more functions than LX3VP Series PLC as it listed below:
   - LX3VE supports S-type acceleration and deceleration, 3VP does not support that.
   - LX3VE supports jitter pulse (to ensure the accuracy of the pulse frequency), L3VP does not support that.
   - LX3VE supports E-cam, including chasing and flying shear function, 3VP does not support that.

3) LX3VM is the new series product which is the same as LX3VE in addition to the extra circle interpolation function.

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