

Let's make full use of e-DPP / ETAP-DPP.

Utilizing User Defined Fields Part 2 (Topic #007) (Text Data)

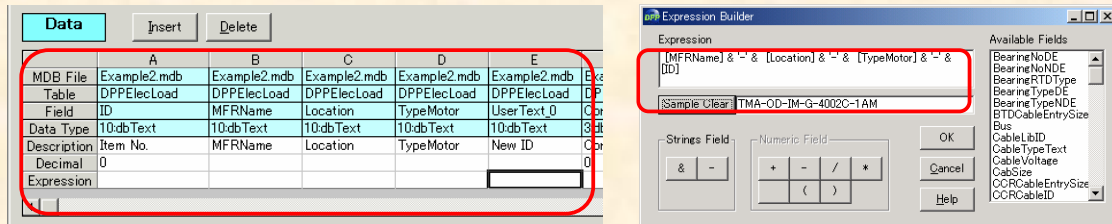
e-DPP has 13 “User Defined Field” which users can utilize without any restriction. Previous issue (#006) calculated the motor starting time by an approximate expression using numerical type fields. Let us add “User Defined Equipment ID” using Text Type fields. Many engineering firms may have unique ID for purchasing separately from the ID for design. For example, let us create in-house ID for motors as follow:

$$[\text{Manufacturer Name}] + [\text{Locations}] + [\text{Motor type}] + [\text{Motor ID}] \Rightarrow [\text{New ID}]$$

e-DPP fields will be [MFRName], [Location], [TypeMotor] and [ID]. Then let us assign User Defined Fields [UserText_0] for new ID.

<Operation Procedure>

- 1 Create user template MyMotorList in the “All Motors” category from the Template Design Menu to include at least 5 fields above.



- 2 Change the description of [UserText_0] to “New ID”.
- 3 Double click the Expression cell under “New ID” to bring Expression Builder and combine 4 fields as shown in the upper right figure.
- 4 Exit Template Design and open the user template, MyMotorList just created, from the Edit Menu. Data combined the 4 fields are displayed in the new field, “New ID”.

	Lock	Item No.	MFRName	Location	TypeMotor	New ID	Cx
1	<input type="checkbox"/>	AM-2001	ABB	OD	IM	ABB-OD-IM-AM-2001	
2	<input type="checkbox"/>	BM-1401	ABB	ID	IM	ABB-ID-IM-BM-1401	
3	<input type="checkbox"/>	DM-1001 A	LHR	OD	IM	LHR-OD-IM-DM-1001 A	
4	<input type="checkbox"/>	DM-1001 B	LHR	OD	IM	LHR-OD-IM-DM-1001 B	
5	<input type="checkbox"/>	EF-2612	ABB	ID	IM	ABB-ID-IM-EF-2612	
6	<input type="checkbox"/>	EF-2614	ABB	ID	IM	ABB-ID-IM-EF-2614	
7	<input type="checkbox"/>	EM-2401 A	FUJI	OD	IM	FUJI-OD-IM-EM-2401 A	
8	<input type="checkbox"/>	EM-2401 B	FUJI	OD	IM	FUJI-OD-IM-EM-2401 B	
9	<input type="checkbox"/>	EM-2401 C	FUJI	OD	IM	FUJI-OD-IM-EM-2401 C	
10	<input type="checkbox"/>	EM-2401 D	FUJI	OD	IM	FUJI-OD-IM-EM-2401 D	
11	<input type="checkbox"/>	EM-2401 E	FUJI	OD	IM	FUJI-OD-IM-EM-2401 E	
12	<input type="checkbox"/>	EM-2401 F	FUJI	OD	IM	FUJI-OD-IM-EM-2401 F	
13	<input type="checkbox"/>	G-4002A-1AM	TMA	OD	IM	TMA-OD-IM-G-4002A-1AM	
14	<input type="checkbox"/>	G-4002B-1AM	TMA	OD	IM	TMA-OD-IM-G-4002B-1AM	
15	<input type="checkbox"/>	G-4002C-1AM	TMA	OD	IM	TMA-OD-IM-G-4002C-1AM	

Shown above is just an example and you may create any User Defined Field based on the requirements. The next issue will discuss “How to create Switchgear/MCC Schedule”.

If you have problems or requests and need solutions, please feel free to contact:
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