

Relays Containing Cadmium
are Replaced by RoHS Compliant Relays

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1. RoHS compliant relays to replace existing cadmium relays

Proposal is shown in table 1.

2. Note :

- 1) Contact rating and guaranteed electrical life

Generally, contact rating and guaranteed electrical life are same as in cadmium relays with some exceptions listed below.

- 2) The following cadmium relays are replaced by RoHS compliant relays with less contact rating and shorter electrical life.

- * LZ-()V : No plan to provide alternative due to no sales history
- * VE-() H5 : Contact rating of N.C. contact will chang from 5A to 3A.
- * JY-()H-K : Contact rating of alternative type will chang from 5A to 3A.
- * JS-()-K : Electrical Life of N.C. contact will chang from 100K to 50K.

Table 1: Alternative P/Ns List for Cadmium Relays

Existing Cadmium relays			RoHS compliant alternative relays (Cd-free)			Notes
Type Name	Contact Rating	Life	Alternatives	Contact Rating	Life	
LZ-()V	AC120V /DC24V 10A Res.	100K opes.	No Alternative type			
LZ-()VM5R	AC120V /DC24V 10A Res.	100K opes.	LZ-()VM	AC120V /DC24V 10A Res.	100K opes.	
VSB-()-5R	AC250V /DC30V 16A Res.	100K opes.	VSB-()	AC250V /DC30V 16A Res.	100K opes.	
VS-()MB	TV-5	50K opes.	VS-()MB-N	TV-5	50K opes.	
VS-()MC	TV-5	50K opes.	VS-()MC-N	TV-5	50K opes.	
VS-()-5	AC240V/DC24V 10A Res.	100K opes.	VS-()-N	AC240V/DC24V 10A	100K opes.	
VB-()MB	TV-3	50K opes.	VB-()MB-N	TV-3	50K opes.	
VB-()MC	TV-3	50K opes.	VB-()MC-N	TV-3	50K opes.	
VB-()-5	AC240V/DC24V 5A Res.	100K opes.	VB-()-N	AC240V/DC24V 5A	100K opes.	
VE-()H5	AC250V 5A Res.	100K opes.	VE-()H	AC250V 3A Res.(N.C.)	100K opes.	
VE-()HS5				AC250V 5A Res.(N.O.)		
VE-()HM5						
JY-()H-K	AC250V/DC30V 5A Res.	100K opes.	JY-()W-K	AC250V/DC30V 3A Res.	100K opes.	
JY-()HE-K						
JY-()-K	AC250V/DC30V 3A Res.	100K opes.	JY-()W-K	(AC250V/DC30V 3A Res.	100K opes.	
JY-()E-K						
JS-()-K	AC250V/DC24V 8A Res.	100K opes.	JS-()N-K	AC250V/DC24V 8A Res.	100K opes. (N.O.)	
JS-()E-K				AC250V/DC24V 8A Res.	50K opes. (N.C.)	
FBR160-()K	AC120V /DC28V 5A Res.	100K opes.	FBR160-()W	AC120V /DC28V 5A Res.	100K opes.	
FBR160-()H						
FBR160-()HB	AC120V /DC28V 10A Res.	100K opes.	FBR160-()WB	AC120V /DC28V 10A Res.	100K ope.	