

Concerning S01844 and S01845 in C00134

2007/4/11

the Japan mirror committee to IEC/TC3

S01844 and S01845 were proposed in C00134, however the design was rejected because of similarity in the symbols and other existing symbols (S00175 and S00965), though the necessity for them was recognized.

The other comment was concerning with the relation to the multiposition complex switches, which should also be taken into consideration for the design.

Concerning them, possible modifications have been studied.

The conclusions are:

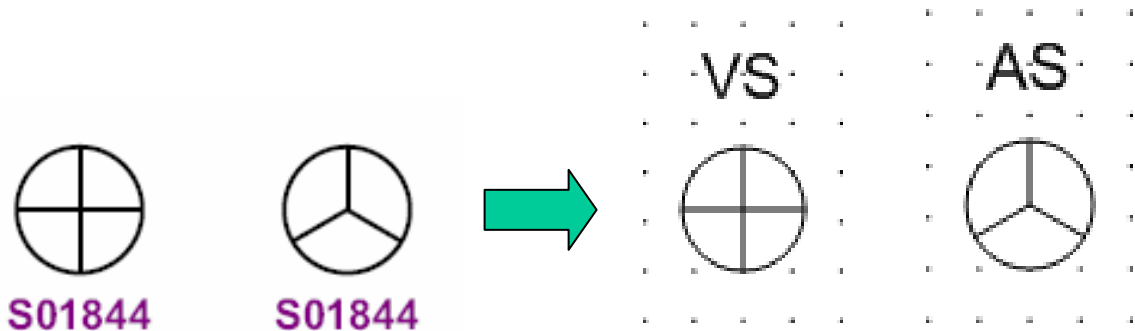
- 1 The names should be revised to show the function more clearly.

Therefore the name is changed to “Instrument multi-position selector switch for xxxx” from “Instrument diverter switch for xxxx” and the original name is to be an alternative name.

- 2 The design of the modified symbols should be close to that of the originals, because the symbols show simplified functions especially suitable for electric power circuit applications.

The design suggested as FI(1) is considered suitable to a modified proposal because of its simplicity.

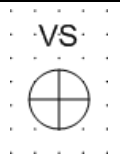
Therefore the design can be changed as the following figure.



Please confirm the attached (draft) request form of the revised proposal and inform us any comments.

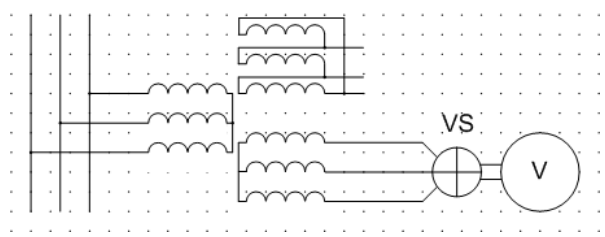
Request of JP-NC rev.1 (Draft)

Revision of S01844 in C00134

Type of request:	Technically new	
Proposal:	Introduce symbols for multi-position selector switches for voltage and current. Multi-position selector (diverter) switch: switching device used in conjunction with a tap selector to carry, make or break currents in circuits which have already been selected NOTE Multi-position selector (diverter) switches are sometimes called arcing switches. (IEC 60214-1, ed. 1.0 (2003-02))	
Reason:	These symbols are proposed because there are no other applicable symbols in IEC 60617.	
Drawing:		
Description (temporary field)	EN	
	FR	
Name:	EN	Instrument multi-position selector switch for voltage circuit
	FR	
Keywords:	EN	switches
	FR	
Form:	EN	
	FR	
Remarks:	VS: Voltmeter change-over switch	
Application notes:		
Alternative names:	Instrument diverter switch for voltage circuit	
Alternative forms:		
Applied in:		
Applies:	S00061	
Source references:		
Published in:		
Entered on:		
Evaluated on:		
Released on:		
Rejected on:		
Obsolete on:		
Proposed by:	JPNC	
Replaces:		
Replaced by:		
Application class:	Circuit diagrams, Connection diagrams	
Function class:	Q Controlled switching or varying	
Shape class:	Circles, Lines	
Symbol restrictions:		


Request of JP-NC rev.1 (Draft)

Revision of S01844 (A00349)

Drawing:		
Description (temporary field)	EN	EXAMPLES: Instrument multi-position selector switch used in voltage measurement circuit
	FR	
Name:	EN	Voltage measurement circuit
	FR	
Keywords:	EN	switches, voltage transformer, instruments
	FR	
Form:	EN	
	FR	
Remarks:	The use example of instrument multi-position selector switch used in voltage measurement circuit	
Application notes:		
Alternative names:		
Alternative forms:		
Applied in:		
Applies:	S00061, S00910, S00913	
Source references:		
Published in:		
Entered on:		
Evaluated on:		
Released on:		
Rejected on:		
Obsolete on:		
Proposed by:	JPNC	
Replaces:		
Replaced by:		
Application class:	Circuit diagrams, Connection diagrams	
Function class:	Q Controlled switching or varying	
Shape class:	Characters, Circles, Lines	
Symbol restrictions:		

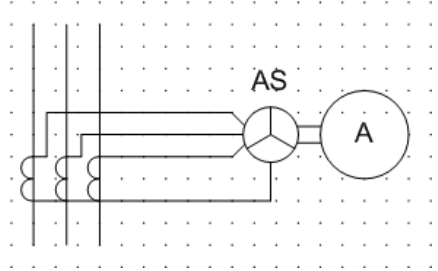
Request of JP-NC rev.1 (Draft)

Revision of S01845 in C00134

Type of request:	Technically new	
Proposal:	Introduce symbols for multi-position selector switches for voltage and current. Multi-position selector (diverter) switch: switching device used in conjunction with a tap selector to carry, make or break currents in circuits which have already been selected NOTE Multi-position selector (diverter) switches are sometimes called arcing switches. (IEC 60214-1, ed. 1.0 (2003-02))	
Reason:	These symbols are proposed because there are no other applicable symbols in IEC 60617.	
Drawing:		
Description (temporary field)	EN	
	FR	
Name:	EN	Instrument multi-position selector switch for current circuit
	FR	
Keywords:	EN	Switches
	FR	
Form:	EN	
	FR	
Remarks:	AS: Ammeter change-over switch	
Application notes:		
Alternative names:	Instrument diverter switch for current circuit	
Alternative forms:		
Applied in:		
Applies:	S00061	
Source references:		
Published in:		
Entered on:		
Evaluated on:		
Released on:		
Rejected on:		
Obsolete on:		
Proposed by:	JPNC	
Replaces:		
Replaced by:		
Application class:	Circuit diagrams, Connection diagrams	
Function class:	Q Controlled switching or varying	
Shape class:	Circles, Lines	
Symbol restrictions:		

Request of JP-NC rev.1 (Draft)

Revision of S01845 (A00350)

Drawing:		
Description (temporary field)	EN	EXAMPLES: Instrument multi-position selector switch used in current measurement circuit
	FR	
Name:	EN	Current measurement circuit
	FR	
Keywords:	EN	switches, current transformer, instruments
	FR	
Form:	EN	
	FR	
Remarks:		The use example of instrument multi-position selector switch used in current measurement circuit
Application notes:		
Alternative names:		
Alternative forms:		
Applied in:		
Applies:		S00061, S00910
Source references:		
Published in:		
Entered on:		
Evaluated on:		
Released on:		
Rejected on:		
Obsolete on:		
Proposed by:		JPNC
Replaces:		
Replaced by:		
Application class:		Circuit diagrams, Connection diagrams
Function class:		Q Controlled switching or varying
Shape class:		Characters, Circles, Lines
Symbol restrictions:		