

## TECHNICAL SPECIFICATIONS

STANDARD METAL CLAD INDOOR VCB TECHNICAL DATA	A.BOND~STRANDS PVT LTD
Rated Voltage (Ur) in kV	12
Rated Normal Current (Ir) in Ampere	630/1250
Rated Frequency (fr) in Hz	50
Rated Insulation level (1 min) kVrms	28
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	75
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	26.3/3
Rated short circuit making current (kAp)	65.75/67
Operating Duty	0-3 min-co-3 min-co
Degree of Protection	IP54
<b>Note: The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments</b>	

STANDARD OUTDOOR PCVCB TECHNICAL DATA	A.BOND~STRANDS PVT LTD
Rated Voltage (Ur) in kV	12
Rated Normal Current (Ir) in Ampere	630/1250
Rated Frequency (fr) in Hz	50
Rated Insulation level (1 min) kVrms	28
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	75
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	26.3/3
Rated short circuit making current (kAp)	67
Operating Duty	0-3 min-co-3 min-co
<b>Note: The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments</b>	

**STANDARD ON LOAD ISOLATOR(LOAD BREAK SWITCH-LBS) TECHNICAL DATA  
A.BOND~STRANDS PVT LTD**

TYPE	TKL3/12/630		TKL3/12/1250	
	Rated Voltage (Ur) in kV	12	12	12
Rated Normal Current (Ir) in Ampere	630	630	1250	1250
Rated Frequency (fr) in Hz	50	50	50	50
Rated Insulation level (1 min) kVrms	28	28	28	28
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	75	75	75	75
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	26.3/3	31.5/1	40/1	40/3
Rated short circuit making current (kAp)	65.75	78.75	100	100
Degree of Protection	IP54/IP55/IP65	IP54/IP55/IP65	IP54/IP55/IP65	IP54/IP55/IP65
Pole Pitch	210	150/210	210	210

**Note:** The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments

**STANDARD ON LOAD ISOLATOR(LOAD BREAK SWITCH-LBS) TECHNICAL DATA  
LTD**

**A.BOND~STRANDS PVT**

TYPE	TKL3/24/1250	
	Rated Voltage (Ur) in kV	24
Rated Normal Current (Ir) in Ampere	1250	1250
Rated Frequency (fr) in Hz	50	50
Rated Insulation level (1 min) kVrms	50	50
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	125	125
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	20/1	42/1
Rated short circuit making current (kAp)	105	105
Degree of Protection	IP54/IP55	IP54/IP55
Pole Pitch	175	250

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STANDARD ON LOAD ISOLATOR(LOAD BREAK SWITCH-LBS) TECHNICAL DATA		A.BOND~STRANDS PVT LTD	
TYPE	TKL3/36/630	TKL3/36/1250	
Rated Voltage (Ur) in kV	36	36	
Rated Normal Current (Ir) in Ampere	630	1250	
Rated Frequency (fr) in Hz	50	50	
Rated Insulation level (1 min) kVrms	70	70	
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	170	170	
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	20/1	26.3/3	
Rated short circuit making current (kAp)	50	65.75	
Degree of Protection	IP54/IP55	IP54/IP55	
Pole Pitch	400	400	
Note: The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments			

STANDARD OFF LOAD ISOLATOR TECHNICAL DATA					
A.BOND~STRANDS PVT LTD					
Type	TKL3/36/630		TKL3/36/2500	TKL3/36/1250	
Rated Voltage (Ur) in kV	36	36	36	36	36
Rated Normal Current (Ir) in Ampere	630	630	1250/2500	1250	1250
Rated Frequency (fr) in Hz	50	50	50	50	50
Rated Insulation level (1 min) kVrms	70	70	70	70	70
Rated Lightning Impulse Voltage(U <sub>p</sub> ) in kVp	170	170	170	170	170
Rated short time Withstand Current(I <sub>k</sub> )in kA/s	20/1	26/1	25/3	31.5/3	40/3
Rated short circuit making current (kAp)	50	65	62.5	78.75	100
Degree of Protection	IP54/IP55	IP54/IP55	IP54/IP55	IP54/IP55	IP54/IP55
Pole Pitch	400	400	400	400	400
Note: The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments					

STANDARD EARTH SWITCH TECHNICAL DATA		A.BOND~STRANDS PVT LTD
kV		Rated short time Withstand Current(Ik)in kA/s
12		25/1
	EK6 Type	26.3/3
		40/3
		44/1

Additional Special Features for Isolators provided on request
Basic Switch - ON/OFF Load Isolators
On Load Isolators with Mechanical and Shunt Tripping Provision
On Load Isolators with Tripping Provision
Isolator with Top or Bottom Side Earth switch
Isolator with Top or Bottom Earth switch with or without tripping Arrangement
Isolator with Top or Bottom Earth switch and Fuse Mounting/Tripping arrangement
In built mechanical interlock for main and Earth switch with 3NO+3NC Auxiliary switch
Single/Double/Three Pole - <b>Optional</b>
Manual or Motor operated Isolators <b>Optional</b>
Fixed/Draw out Isolators <b>Optional</b>
Can be utilized for various application viz., panels, wall mounting, Star-Delta change over, VFD application
High Operating reliability with robust construction
Simple maintenance and inspection
High dynamic & thermal strength
Current interruption without visible arcs.
Simple and easy driving mechanism
Type Tested as per relevant IS, IEC standards at CPRI/NABL accredited laboratories

**STANDARD AIR INSULATED SWITCHING DEVICE COMPARTMENT I<sub>vac</sub> - TECHNICAL DATA  
SIEMENS**

<b>TYPE</b>	<b>3AH0</b>	<b>3AH5</b>	<b>3AK6</b>
<b>Rated Voltage (Ur) in kV</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Rated Normal Current (Ir) in Ampere</b>	<b>Upto 1600</b>	<b>1250/2500</b>	<b>1250/3150</b>
<b>Rated Frequency (fr) in Hz</b>	<b>50</b>	<b>50</b>	<b>50</b>
<b>Rated Insulation level (1 min) kVrms</b>	<b>28</b>	<b>28/38</b>	<b>28/38</b>
<b>Rated Lightning Impulse Voltage(U<sub>p</sub>) in kVp</b>	<b>75</b>	<b>75/95</b>	<b>75/95</b>
<b>Rated short time Withstand Current(I<sub>k</sub>)in kA/s</b>	<b>26.3/3</b>	<b>31.5/3</b>	<b>40/3</b>
<b>Rated short circuit making current (kAp)</b>	<b>65.75</b>	<b>78.75</b>	<b>100</b>
<b>Pole Pitch</b>	<b>160</b>	<b>160/210</b>	<b>210</b>
<b>Panel width in mm</b>	<b>600</b>	<b>600/800</b>	<b>800</b>
<b>Note: The standard specifications subject to vary from time to time as our products undergo continuous developments and to meet IS/IEC amendments</b>			