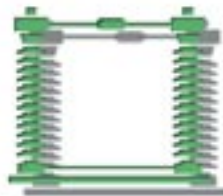


New names, same reports

The aim of these names is to include all the information necessary to identify the product and its features, adapted to actual use :

- switch geometry (existing name or, soon, abbreviation of international English names)
- existence of 1 or 2 integrated earth switches (with “E” or “EE” suffix)
- rated voltage U_r as per IEC 60694, referring by default to the highest insulation level (BIL) displayed in the standard table. If, for particular use, we have to build a switch whose BIL is different, we add it between brackets.
- rated normal current I_r as per IEC 60694, for normal ambient temperatures (-25 / +40°C). If, for particular use, we have to build a switch whose rated normal current is different, we add it between brackets.

Examples for Centre Break disconnectors



CBD-E 245 - 2000

$U_r = 245$ kV $I_r = 2000$ A
BIL = 1050 kV

Centre Break Disconnector + 1 integrated Earth Switch

CBD-EE 550 - 3150

$U_r = 550$ kV $I_r = 3150$ A
BIL = 1550 kV

Centre Break Disconnector + 2 integrated Earth Switches

Examples for Double Break disconnectors



TCB-E 123 - 1250

$U_r = 123$ kV $I_r = 1250$ A
BIL = 550 kV

Double Break Disconnector + 1 integrated Earth Switch

TCB 72.5 - 3150

$U_r = 72.5$ kV $I_r = 3150$ A
BIL = 325 kV

Double Break Disconnector without Earth Switch

Example for Knee-Type disconnectors



OH-EE 420 - 4000

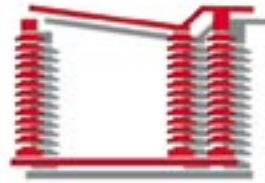
$U_r = 420$ kV $I_r = 4000$ A
BIL = 1425 kV

Knee-type Disconnector + 2 integrated Earth Switches

HV Disconnectors

If the BIL is not the “standard” one (e.g. : the DS is installed above 1000 m of altitude, needing a higher insulation level), it will be precised between brackets.

Example for Vertical Break disconnectors



SLOB-E 245(1175) - 2000

$U_r = 245 \text{ kV}$

$I_r = 2000 \text{ A}$

BIL at the sea level = 1175 kV

Vertical Break disconnector + 1 integrated Earth Switch

In the case of high ambient temperature of use or high short-circuit level , we may supply an oversized DS to comply with this special duty. Again, the normal rating will be displayed between brackets.

Example for 2-arm pantograph disconnectors



VR2D 245 - 2500(3150)

$U_r = 245 \text{ kV}$

$I_r = 2500 \text{ A}$

BIL = 1050 kV

$I_r = 3150 \text{ A for } \theta^\circ \leq 40^\circ\text{C}$

Vertical Reach 2-arm Disconnector without Earth Switch

Example for 1-arm pantograph disconnectors



SSP-E 362 - 2500(3150)

$U_r = 362 \text{ kV}$

$I_r = 2500 \text{ A}$

BIL = 1175 kV

$I_k = 63 \text{ kA}$

1-arm pantograph disconnector + 1 integrated Earth Switch

Since we have changed (or will soon change) the commercial name only, all type tests carried out on disconnectors with previous designations keep their validity and can be applied to the corresponding newly named equipment.

The “Type Test Summary” (see the figure aside), which is always supplied with the equipment, gives immediate information of the disconnector name that appears in the applicable test report.

The whole team of our company will be pleased to provide any useful additional information.

COELME		egic	
Type Test Summary n°			
Manufacturer : Coelme - Egic		Manufacturer reference: CBD-E 550 - 2000	
Date of issue :		Release	
Reference standards : IEC 60694 (1996) - IEC 62271-102 (2001)			
Power frequency	Dry (kV) Imp. JB	Wet (kV) Imp. JB	N° of report
To earth	620	NA	ATA2040076
AID	800	NA	ATA2040076
Lightning impulse			
To earth	1550	NA	ATA2040076
AID	1550	315	ATA2040076
Switching impulse			
To earth	1175	1175	ATA2040076
AID	500	450	500
RLV, test Level (kV)	NEMA 147		
Corona Voltage (kV)	Lighting		
Short time current	Currents		
Thermal	40	3	HMC10581101
Peak	100	NA	HMC10581101
Temperature rise	R (µΩ)		
Resistance	12	120	MPA2025264
Max allowed ambient temperature at rated current (°C)	40		
Mechan.	Mach. Endurance		
1p with T. loads	1000	Yes	0P8A2038055
Contact zone	50	NA	0P8A2038055
Climate	Temperature		
Heavy icing test thickness :	Min. -25	Max. 40	NA
Switch	IEC 62271-102 An. B		
	NA	NA	NA
INTEGRATED EARTHING SWITCH	Currents		
Thermal	40	3	RP-LS-05052
Peak	100	NA	RP-LS-05052
Mechan.	Mach. Endurance		
1p with T. loads	10000	Yes	0P8A2038055
Climate	Temperature		
Heavy icing test thickness :	Min. -25	Max. 40	NA
Switch	IEC 62271-102 An. C		
	NA	NA	NA

CBD-E 550 - 2000 (new name)

DRM 550-2000 & DRM 550-2500 (tested equipment)