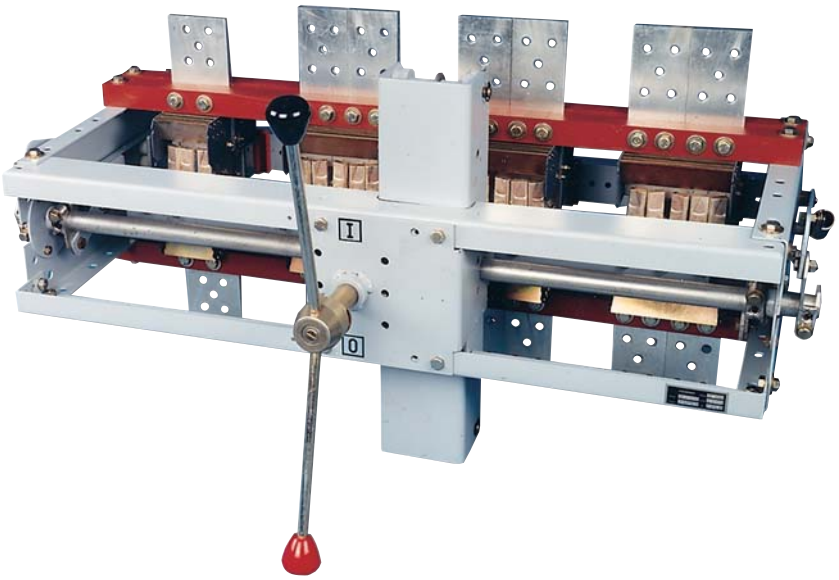
CMP
2500 to 5000 A



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Functions

CMP are manually operated high power load-break switches with optional remote tripping.

Conformity to standards

- IEC 60947-3
- NF EN 60947-3
- VDE 0660-107
- NBN EN 60947-3
- BS EN 60947-3

Approvals and certifications

- ASEFA

General characteristics

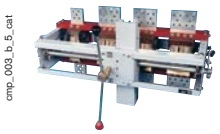
- Safety isolation by fully visible breaking.
- Sudden tripping.
- High thermal and dynamic withstand.
- Easy to use for large flat busbars.

Available on request

- X poles.
- Tripping coil.

References

Front operation



Rating (A)	No. of poles	Direct operation switch body (1)	External operation switch body (2)	Current transmitting switching coil (3)	Auxiliary contact (4)	Triple padlocking device and locking disk	Mechanical interlocking (5)
2500	3 P	2711 **3250**	2713 **3250**	2719 **0020**	2 contact NO+NC 2719 **0002**	For direct operation ■ For external operation 2719 **0013**	2719 **0024**
	3 P + N	2711 **4250**	2713 **4250**				
3200	3 P	2711 **3320**	2713 **3320**				
	3 P + N	2711 **4320**	2713 **4320**				
4500	3 P	2711 **3450**	2713 **3450**	2719 **0021**			
	3 P + N	2711 **4450**	2713 **4450**				
5000	3 P	2711 **3500**	2713 **3500**				
	3 P + N	2711 **4500**	2713 **4500**				

■ *Consult us.*
(1) Switch body + handle.
(2) Switch body + shaft extension + handle.
(3) Option (combined with the references above, this modifies the composition of the basic device).
(4) Maximum 6 AC.
(5) Vertical for 2 CMPs (distance between centres 500 mm).

CMP
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Accessories

Auxiliary contact

Use
Signalling of positions 0 and I.
Maximum = 6 AC NO + NC.

References
NO+NC contact

Rating (A)	Position of AC	Reference
2500 … 5000	2	2719 **0002**

Triple padlocking device and locking disk

Use
Locking using three padlocks maximum.

References

Rating (A)	Operation	References
2500 … 5000	direct	consult us
2500 … 5000	external	2719 **0013**

Mechanical interlocking

Use
Making of a changeover switch using 2 CMPs vertically positioned (distance between centres 500 mm).

References

Rating (A)	Reference
2500 … 5000	2719 **0024**

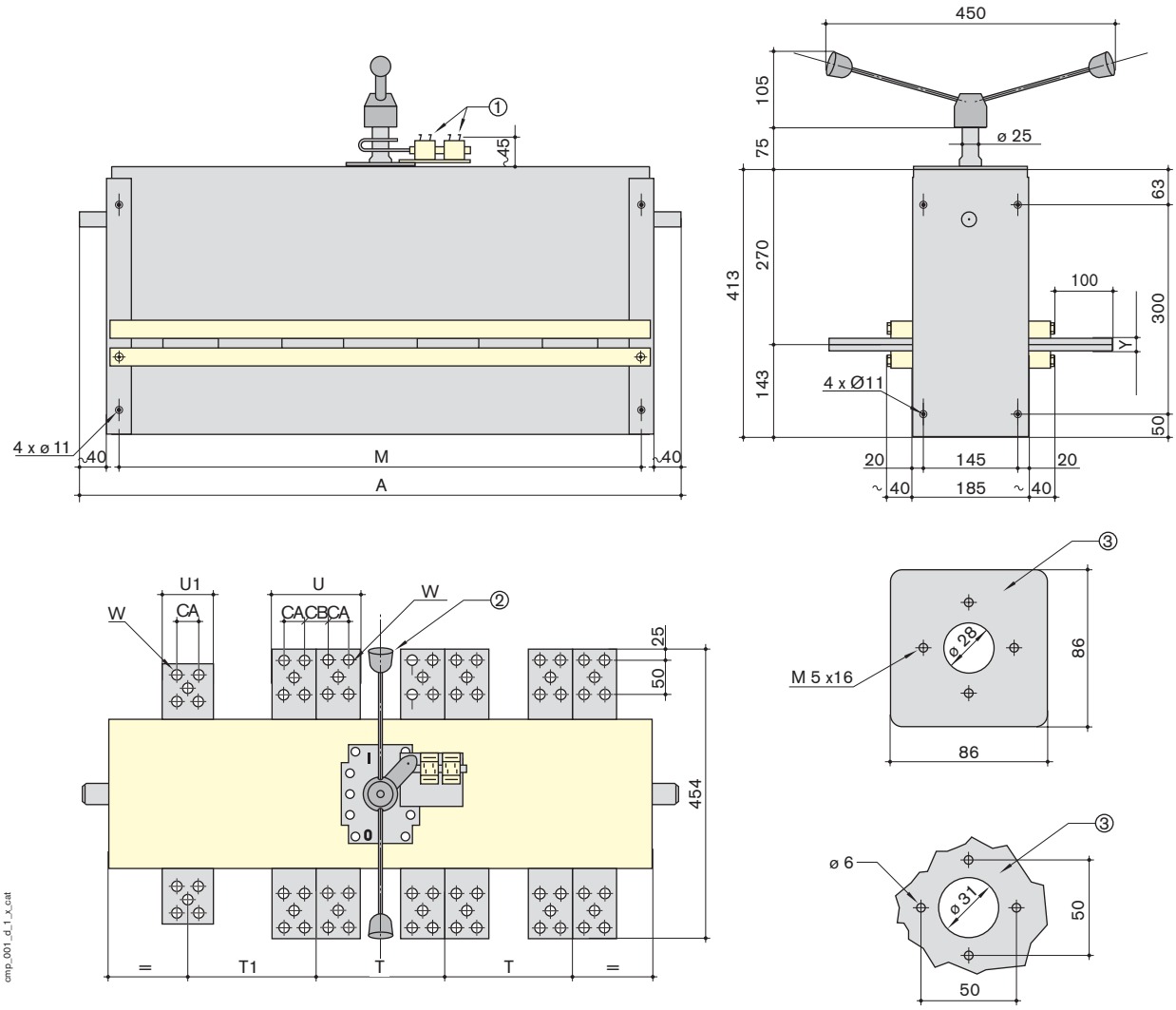
Characteristics (according to IEC 60947-3)

Thermal current I_{th} (40°C)		2500 A	3200 A	4500 A	5000 A
Rated insulation voltage U_i (V)		1000	1000	1000	1000
Rated impulse withstand voltage U_{imp} (kv)		12	12	12	12
Rated operational currents I_e (A)(1)					
Rated voltage	Load duty category	B	B	B	B
400 VAC	AC-21 B	2500	3200	4500	4500
690 VAC	AC-20 B	2500	3200	4500	5000
220 VDC(2)	DC-21 B	2500	3200	4500	4500
Short circuit operation					
Rated short-time withstand current 1s I_{cw} (kA rms)		50	64	80	80
Dynamic short circuit withstand (peak kA)(3)		110	145	190	190
Mechanical characteristics					
Durability (number of operating cycles)(4)		3 000	3 000	3 000	3 000

(1) With terminal shrouds or phase barrier.
(2) 4-pole device with 2 pole in series by polarity.
(3) For a rated operating voltage U_e = 400 VAC.
(4) Increased endurances: please consult us.

Dimensions

• **CMP 2500 to 5000 A**



1. NO+NC contacts
2. Red knob at top: device in postion I (closed)
3. Door drilling

	Overall dimensions		Switch mounting					Connection terminals					
Rating (A)	A 3p.	A 3p.+N	M 3p.	M 3p.+N	T	T1 3p.	T1 3p.+N	U	U1	Y	CA	CB	W
2500	644	784	528	668	160	-	160	100	80	12	50	-	13
3200	784	934	668	818	200	-	200	126	80	14	30	33	11
4500	934	1084	818	968	260	-	200	200	100	12	50	50	13
5000	934	1084	818	968	260	-	200	200	100	12	50	50	13

CMP 2500 / 3200 A = 3 p 2500 / 3200 A + 1 N 1800 A.
CMP 4500 / 5000 A = 3 p 4500 / 5000 A + 1 N 2500 A.