

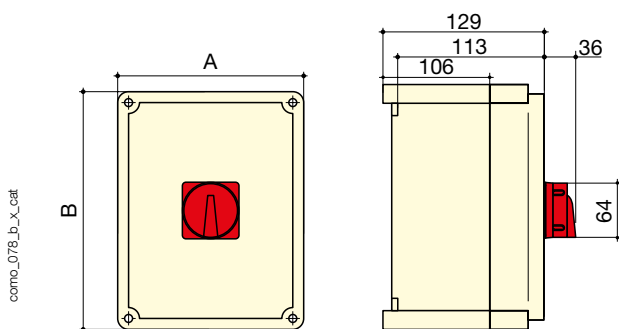
Enclosed solutions

General characteristics



- Adapted to environments subject to chemical, dust, contamination and atmospheric corrosion risks.
- Operation handle: Red/yellow handle
- Protection degree: IP65.
- Colour: RAL 7030.
- Material: glass fibre reinforced polyester.
- Product supplied as a kit, to be assembled.
- Locking system: screw.

Dimensions



* MTSE: Manual Transfer Switching Equipment

References

Rating (A)	No. of poles	Switching type	A (mm)	B (mm)	Reference
25 A	3 P	I - II	135	135	4221 3C02
	4 P	I - II	135	135	4221 4C02
	3 P	I - 0 - II	135	135	4231 3C02
	4 P	I - 0 - II	135	180	4231 4C02
	3 P	I - I+II - II	135	135	4241 3C02
	4 P	I - I+II - II	135	135	4241 4C02
40 A	3 P	I - II	135	135	4221 3C04
	4 P	I - II	135	135	4221 4C04
	3 P	I - 0 - II	135	135	4231 3C04
	4 P	I - 0 - II	135	135	4231 4C04
	3 P	I - I+II - II	135	135	4241 3C04
	4 P	I - I+II - II	135	135	4241 4C04
63 A	3 P	I - II	135	180	4221 3C06
	4 P	I - II	135	180	4221 4C06
	3 P	I - 0 - II	135	180	4231 3C06
	4 P	I - 0 - II	135	180	4231 4C06
	3 P	I - I+II - II	135	180	4241 3C06
	4 P	I - I+II - II	135	180	4241 4C06
80 A	3 P	I - II	135	180	4221 3C08
	4 P	I - II	135	180	4221 4C08 ⁽¹⁾
	3 P	I - 0 - II	135	180	4231 3C08
	4 P	I - 0 - II	135	180	4231 4C08 ⁽¹⁾
	3 P	I - I+II - II	135	180	4241 3C08
	4 P	I - I+II - II	135	180	4241 4C08 ⁽¹⁾

(1) Derated to 70 A for 4 pole.

Characteristics according to IEC 60947-3

25 to 100 A

Thermal current I_{th} (40 °C)		25 A	40 A	63 A	80 A	100 A
Rated insulation voltage U_i (V)		660	660	660	660	660
Rated impulse withstand voltage U_{imp} (kV)		4	4	4	4	4
Rated operational currents I_e (A)						
Rated voltage	Utilisation category	A/B⁽¹⁾	A/B⁽¹⁾	A/B⁽¹⁾	A/B⁽¹⁾	A/B⁽¹⁾
400 VAC	AC-21 A	25/25	40/40	63/63	80/80	100/100
400 VAC	AC-22 A	25/25	40/40	63/63	80/80	100/100
400 VAC	AC-23 A	20/20	32/32	63/63	63/63	63/63
Operational power in AC-23 (kW)						
At 400 VAC without pre-break ⁽¹⁾⁽²⁾		9/9	15/15	22/22	30/30	30/30
Reactive power (kvar)						
At 400 VAC ⁽²⁾		14	18	28	37	
Fuse protected short-circuit withstand (kA rms prospective)						
Prospective short-circuit (kA rms) ⁽³⁾		6	6	8	8	8
Associated fuse rating (A) ⁽³⁾		25	40	63	80	100
Short-circuit capacity						
Closing capacity on short-circuit (kA peak) ⁽³⁾		2	2.6	5.8	5.8	6.5
Connection						
Minimum Cu cable cross-section (mm ²)		2.5	10	16	16	16
Maximum Cu cable cross-section (mm ²)		6	16	50	50	50
Tightening torque min (Nm)		2	2	3.5	3.5	3.5
Mechanical characteristics						
Durability (number of operating cycles)		100 000	100 000	100 000	100 000	100 000
Weight of 3 P switch (kg)		0.25	0.3	0.55	0.63	0.63
Weight of 4 P switch (kg)		0.31	0.4	0.7	0.8	0.8

(1) Category with index A = frequent operation - Category with index B = infrequent operation.

(2) The power value is given for information only, the current values vary from one manufacturer to another.

(3) For a rated operational voltage $U_e = 400$ VAC.