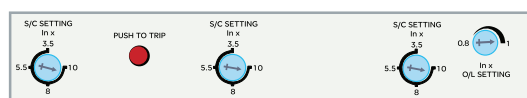


Functions and characteristics

800A

Functions & Characteristics

Protection of distribution systems
for EasyPact CVS 800



EasyPact CVS 800A MCCBs are available in 3P/4P version with 35/50kA breaking performances with $I_{cs} = 100\% I_{cu}$. EasyPact CVS comes with host of features including adjustable overload, short circuit setting, line load reversibility.

- $I_{cs} = 100\% I_{cu}$.
- Adjustable over load setting (0.8 to $1 \times I_n$)
- Adjustable short circuit setting for individual phase (3.5 to $10 I_n$)
- Line load reversibility

CVS 800

Overload protection (thermal)

Tripping threshold (A) I_n	Adjustable $0.8...1 \times I_n$
------------------------------	---------------------------------

Short-circuit protection (magnetic)

Tripping threshold (A) I_m	Adjustable
EasyPact CVS 800	$3.5...10 I_n$

Accessories and Auxiliaries

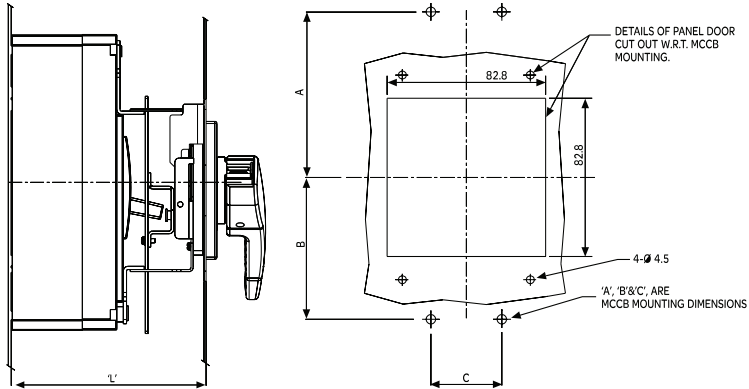
- Auxiliary contact with 1 C/O & 2 C/O options.
- Alarm contact with 1 C/O & 2 C/O options.
- Shunt trip coil.
- Under voltage coil.
- Direct and Extended Rotary Handle.
- Unique modular ground fault protection for 3 phase 3 wire and 3 phase 4 wire systems.

Function and characteristics			Protection of distribution system EasyPact CVS 800 A	
EasyPact CVS Circuit breakers			CVS 800	
Number of Poles			3/4	
Control/manual/toggle			■	
Direct or extended rotary handle			■	
Electrical characteristics as per IEC 60947- 2				
Rated current(A)	In	40°C	800	
Rated insulation voltage(V)	Ui		690	
Impulse withstand voltage(kV)	Uimp		8	
Rated operational voltage(V)	Ue	AC 50/60 Hz	415	
Type of circuit Breaker			F	N
Ultimate Breaking Capacity(kA)	Icu	AC 415V 50/60HZ	35	50
Service Breaking Capacity (KA)	Ics	%Icu	100%	
Utilisation category			A	
Durability (C-O cycles)	mechanical		8000	
	electrical	In	2500	
Protection			Thermal Magnetic	
Overload release setting (A)			■	
Adjustable Ir(In x ...)			Centralised 0.8.....1	
Short Circuit Protection			■	
Short Circuit Release setting			3.5 to 10 (independent adjustment of each phase)	
Isd (Ir x...)				
Earth Fault Protection*	By UMGFP		■	
GFP Release setting = 10-60% of In			■	
Time Delay Setting (0.5 - 3 Sec./Inst.)			■	
Additional indication & control auxiliaries				
Indication Contacts			■	
Alarm Contacts			■	
1 C/O			■	
2 C/O			■	
Auxiliary Contacts			■	
1 C/O			■	
2 C/O			■	
Alarm - Auxiliary Contacts			■	
1 C/O each			■	
MX shunt and MN under voltage Release			■	
Installation and Connection				
Bus Bar Max.	width (mm)		40	
Cable Crimped lugs AL/CU (mm)2			300*2	
Installation Accessories				
Spreaders			■	
Phase Barriers			■	
Dimensions & Weight				
Overall dimensions	W X H X D	(mm)	3Pole	210 x 274 x 103
		(mm)	4Pole	280 x 274 x 103
Weight(kg)			3 /4Pole	10.3/13.7

Dimension & installation recommendation

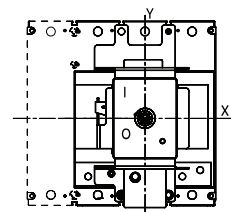
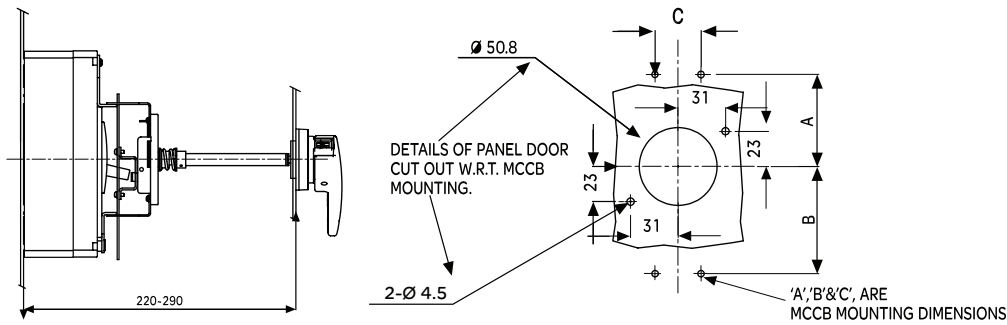
EasyPact CVS 800

Direct Rotary handle EasyPact CVS 800



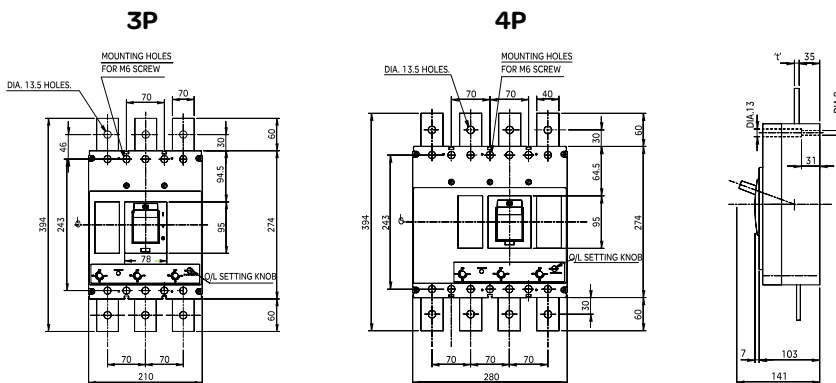
MCB Type	Dimension			Panel Depth 'L'
	A	B	C	
CVS 800	129	114	70	179 ±1

Extended rotary Handle

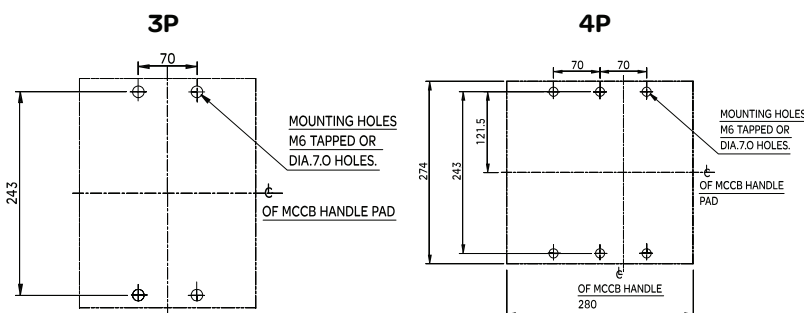


MCB Type	Dimension		
	A	B	C
CVS 800	129	114	70

CVS 800 F/N

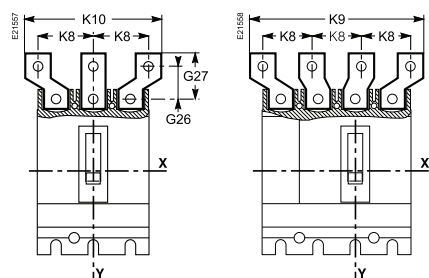


CVS 800 F/N



Connection with accessories

Spreader



Rating	Dimn. 't'
800 A	8.0 mm

Dimensions (mm)					
Type	G26	G27	K8	K9	K10
CVS100/160/200/250	30	41	45	159	114
CVS400/630	52.5	67.5	70	240	170