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Enclosed Switches
Aluminium Alloy Enclosure



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Switches in Aluminium Alloy Enclosure

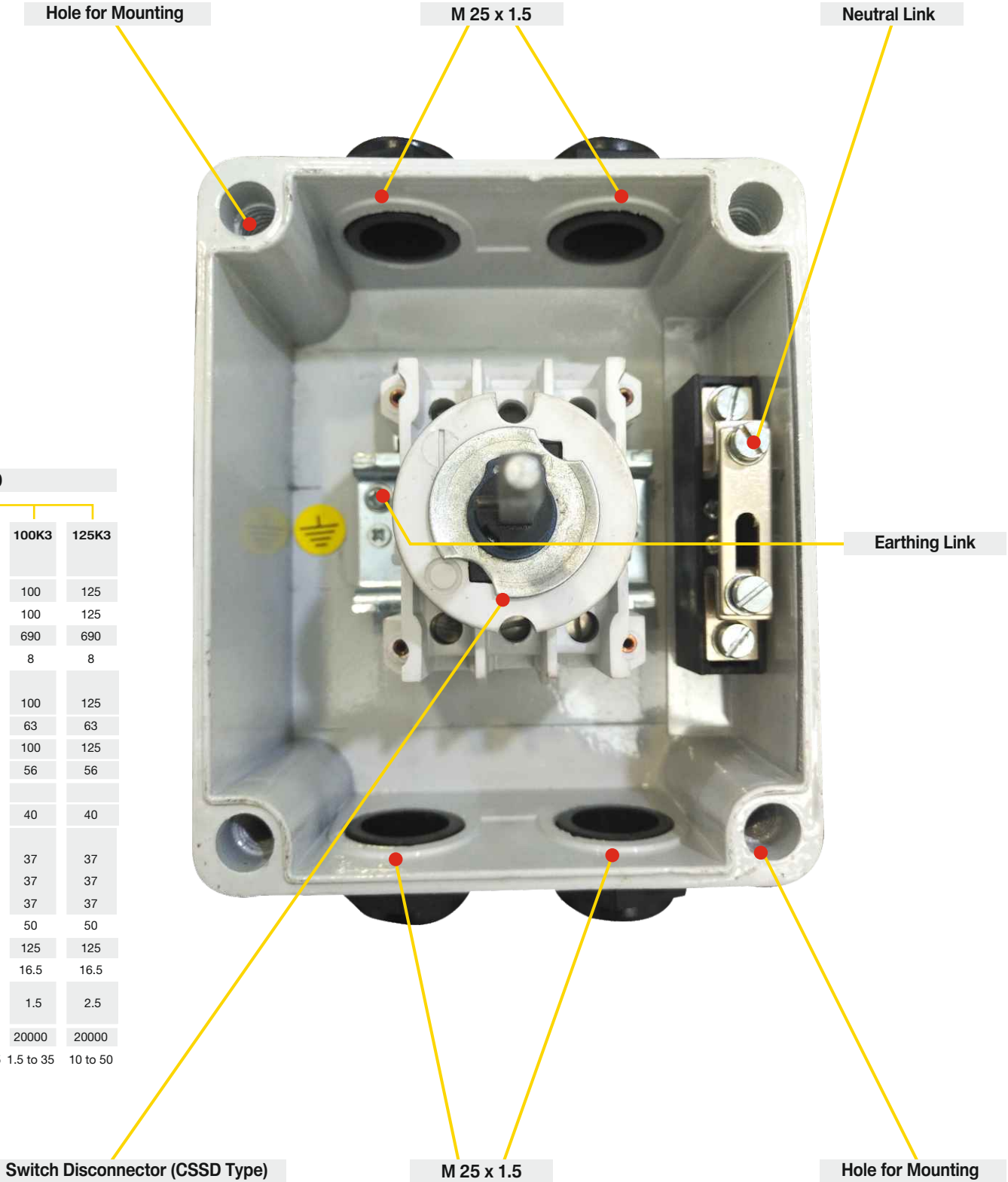
Salient Features

- General rating use 16A-125A, 415V, 50° C
- Motor starting upto 45KW (AC23, 690V as per IEC 60947-3), 60HP, 600V (UL 508)
- 3P+N+E / 4P+E
- Earthing point has been provide on the DIN Rail (Switch mounting plate)
- Protection degree upto Ip65*
- Threaded cable entries with sealing plug (having knockout with sealing provision for cables) provided.
- Padlocking facility in OFF position for extra safety
- Suitable for indoor and outdoor applications
- Available with 2 colours options of handles Black/Red-Yellow

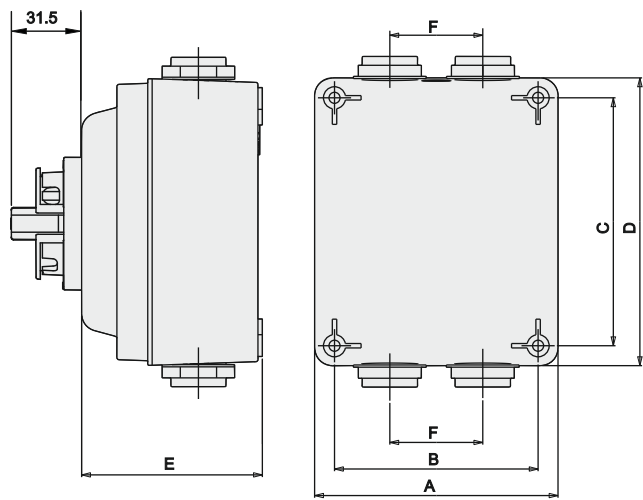
* To achieve IP65 protection, additional compression glands are to be used.
Standard supply-with dummy glands only.

Technical Characteristics

Technical Characteristics		ELCL CSSD / ELBL CSSD								
Catalogue Reference		3P	16D3	25D3	30D3	40D3	63K3	80K3	100K3	125K3
		4P	16D4	25D4	30D4	40D4				
Rating (3/4 Poles)	A		16	25	30	40	63	80	100	125
Thermal Current (40°C)	A		16	25	30	40	63	80	100	125
Rated Insulation Voltage (Ui)	V		690	690	690	690	690	690	690	690
Rated Imp. Withstand Voltage (Uimp)	KV		4	4	4	4	8	8	8	8
Operational Current	A									
415V AC	AC21-22A		16	25	30	40	63	80	100	125
	AC23A		16	25	30	40	45	55	63	63
500V AC	AC21-22A		16	25	30	40	63	80	100	125
	AC23A		16	20	25	25	45	45	56	56
690V AC	AC21-22A		16	25	30	40				
	AC 23A		16	20	25	25	25	40	40	40
Motor Power	KW									
415V AC	AC23		5.5	7.5	11	11	25	30	37	37
500V AC	AC23		7.5	7.5	15	15	25	30	37	37
690V AC	AC23		9	11	15	15	25	30	37	37
Short Circuit Current with fuses	kArms		50	50	50	50	50	50	50	50
Max. rating for associated fuses	A		16	25	30	40	80	100	125	125
Cut off current	kAp		4.5	4.5	5	5	13	13	16.5	16.5
Short Time withstand Current for 1 sec.	kA		0.9	0.9	1	1	1	1.5	1.5	2.5
Mechanical Endurance	Nos.		20000	20000	20000	20000	20000	20000	20000	20000
Connection CU	Sq.mm		1.5 to 6	1.5 to 6	1.5 to 6	1.5 to 10	1.5 to 35	1.5 to 35	1.5 to 35	10 to 50



Dimensional Drawings



	CSSD16D3/D4 - CSSD40D3/D4	CSSD63K3/K4 - 125D3
A	110	147
B	92	123
C	112	179
D	130	203
E	82	94
F	42	42

Dimensions are in mm.

Switches used to disconnect incase of Fire

3P+N+E switches in Aluminium Alloy enclosure, painted in red colour, are used to disconnect in case of Fire.
- available with proper label (STOP FIRE) in yellow colour for clear visibility.
Rating available 25A (ELRCSSD25D3)* and 40A (ELRCSSD40D3)*
- Must for firemen.

* For technical specifications please refer ELCL/ELBL CSSD25D3/ 40D3 switches.

Assembly

