

TECHNICAL DATA

Tables of wiring space above main disconnecting device

Allen Bradley bulletin 1494V disconnect switches

Wire bend space above disconnect switch for catalog number

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH		HEIGHT								HEIGHT				
		8" OR 10"	12" OR 16"	60"		72"		72"		84"		90"	F=420mm			
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	K		
DS30	30A	8.63	6.57	11.63	9.57	7.88	5.82	13.88	11.82	11.88	9.82	17.88	15.82	20.88	18.82	367
DS60	60A	8.63	5.81	11.63	8.81	7.88	5.06	13.88	11.06	11.88	9.06	17.88	15.06	20.88	18.06	348
DS100	100A	8.63	5.55	11.63	8.55	7.88	4.89	13.88	10.89	11.88	8.89	17.88	14.89	20.88	17.89	344
DS200	200A	8.63	—	11.63	8.10	7.88	—	13.88	10.35	11.88	8.35	17.88	14.35	20.88	17.35	330
DS400*	400A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	10.11	20.88	13.11	222
DS600*	600A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	10.11	20.88	13.11	222

*These switches will only fit enclosures

5100 ESYB603712, 5100 ESAB603712, 5412 ESAB603712, 5412 ESSAB603712
5500 ESYB603712, 5500 ESSYB603712

Allen Bradley bulletin 1494V operators for circuit breakers

Wire bend space above disconnect switch for catalog number

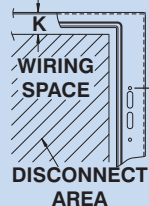
ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH		HEIGHT								HEIGHT				
		8" OR 10"	12" OR 16"	60"		72"		72"		84"		90"	F=420mm			
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	K		
M40	15A-150A	8.63	7.95	11.63	10.95	7.88	7.25	13.88	13.25	11.88	11.25	17.88	17.25	20.88	20.25	404
M50	70A-250A	8.63	—	11.63	10.55	7.88	6.80	13.88	12.80	11.88	10.80	17.88	16.80	20.88	19.80	392
M60	100A-400A	8.63	—	11.63	10.35	7.88	—	13.88	12.60	11.88	10.60	17.88	16.60	20.88	19.60	392

Schneider Square D class 9422 variable depth operators - circuit breakers

Wire bend space above disconnect switch for catalog number

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH		HEIGHT								HEIGHT				
		8" OR 10"	12" OR 16"	60"		72"		72"		84"		90"	F=420mm			
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	K		
RG-1	75A	8.63	7.43	11.63	10.43	7.88	6.68	13.88	12.68	11.88	10.68	17.88	16.88	20.88	19.68	389
RG-1	100A	8.63	7.43	11.63	10.43	7.88	6.68	13.88	12.68	11.88	10.68	17.88	16.68	20.88	19.68	389
RN-1	100A	8.63	7.63	11.63	10.63	7.88	6.88	13.88	12.88	11.88	10.88	17.88	16.88	20.88	19.88	389
RP-1	250A	8.63	8.30	11.63	11.30	7.88	7.55	13.88	13.55	11.88	11.55	17.88	17.55	20.88	20.55	411
RR-1	400A	8.63	—	11.63	7.00	7.88	—	13.88	9.25	11.88	—	17.88	13.25	20.88	16.25	301
RT-1	800A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	13.10	20.88	16.10	298
RT-1	1000A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	13.10	20.88	16.10	298

Reference for the tables of wiring space above main disconnect device

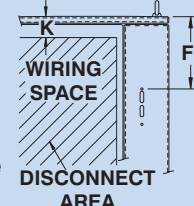


5100 ESY & ESA, 5412 ESA & ESSA
5500 ESY, ESSY, UFD, UFDSS, UCD & UCDSS,
9500 UXD, UXDSS

"K" is the wire bending space
"F" is the distance from top of cabinet to switch mounting hole
Note: All dimensions in inches

6500 MXU

"K" is the wire bending space
"F" is the distance from top of cabinet to switch mounting hole
Note: All dimensions in millimeters



Data subject to change without notice.



TECHNICAL DATA

Tables of wiring space above main disconnecting device

Schneider Square D class 9422 variable depth disconnect switches

Wire bend space above disconnect switch for catalog number

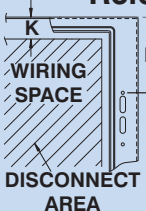
ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH				HEIGHT				HEIGHT				HEIGHT F=420mm		
		8" OR 10"		12" OR 16"		60"		72"		72"		84"			90"	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	K
TCN-30	30A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TCF-30	30A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TCF-33	30A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TDN-60	60A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TDF-60	60A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TDF-63	60A	8.63	7.49	11.63	10.49	7.875	6.74	13.88	12.74	11.88	10.74	17.88	16.74	20.88	19.74	391
TEN-10	100A	8.63	7.35	11.63	10.35	7.875	6.60	13.88	12.60	11.88	10.60	17.88	16.60	20.88	19.60	387
TEF-10	100A	8.63	7.35	11.63	10.35	7.875	6.60	13.88	12.60	11.88	10.60	17.88	16.60	20.88	19.60	387
TEF-13	100A	8.63	7.35	11.63	10.35	7.875	6.60	13.88	12.60	11.88	10.60	17.88	16.60	20.88	19.60	387
TC-1	30A	8.63	6.64	11.63	9.64	7.875	5.89	13.88	11.89	11.88	9.89	17.88	15.89	20.88	18.89	369
TC-2	30A	8.63	6.64	11.63	9.64	7.875	5.89	13.88	11.89	11.88	9.89	17.88	15.89	20.88	18.89	369
TC-3	30A	8.63	6.64	11.63	9.64	7.875	5.89	13.88	11.89	11.88	9.89	17.88	15.89	20.88	18.89	369
TD-1	60A	8.63	7.51	11.63	10.51	7.875	6.76	13.88	12.76	11.88	10.76	17.88	16.76	20.88	19.76	391
TD-2	60A	8.63	7.51	11.63	10.51	7.875	6.76	13.88	12.76	11.88	10.76	17.88	16.76	20.88	19.76	391
TD-3	60A	8.63	7.51	11.63	10.51	7.875	6.76	13.88	12.76	11.88	10.76	17.88	16.76	20.88	19.76	391
TE-1	100A	8.63	—	11.63	10.23	7.875	6.48	13.88	12.48	11.88	10.48	17.88	16.48	20.88	19.48	384
TE-2	100A	8.63	—	11.63	10.23	7.875	6.48	13.88	12.48	11.88	10.48	17.88	16.48	20.88	19.48	384
TE-3	100A	8.63	—	11.63	10.23	7.875	6.48	13.88	12.48	11.88	10.48	17.88	16.48	20.88	19.48	384
TF-1	200A	8.63	—	11.63	8.85	7.875	5.10	13.88	11.10	11.88	9.10	17.88	15.10	20.88	18.10	349
TF-2	200A	8.63	—	11.63	8.85	7.875	5.10	13.88	11.10	11.88	9.10	17.88	15.10	20.88	18.10	349
TF-3	200A	8.63	—	11.63	8.85	7.875	5.10	13.88	11.10	11.88	9.10	17.88	15.10	20.88	18.10	349

Eaton Cutler-Hammer C371 circuit breaker operators for C-H/Westinghouse circuit breakers

Wire bend space above circuit breaker

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH				HEIGHT				HEIGHT				HEIGHT F=420mm		
		8" OR 10"		12" OR 16"		60"		72"		72"		84"			90"	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	K
C371E	225A	8.625	8.35	11.625	11.35	7.875	7.60	13.875	13.60	11.875	11.60	17.875	17.60	20.875	20.60	411
C371E	150A	8.625	8.35	11.625	11.35	7.875	7.60	13.875	13.60	11.875	11.60	17.875	17.60	20.875	20.60	411
C371F	225A	8.625	—	11.625	15.17	7.875	11.42	13.875	17.42	11.875	—	17.875	21.42	20.875	—	510
C371F	400A	8.625	—	11.625	10.75	7.875	7.00	13.875	13.00	11.875	11.00	17.875	17.00	20.875	20.00	397
C371G	600A	8.625	—	11.625	9.15	7.875	—	13.875	11.40	11.875	9.40	17.875	15.40	20.875	18.40	357
C371K	800A	8.625	—	11.625	—	7.875	—	13.875	—	11.875	—	17.875	11.80	20.875	14.80	265
C371K	1200A	8.625	—	11.625	—	7.875	—	13.875	—	11.875	—	17.875	11.80	20.875	14.80	265

Reference for the tables of wiring space above main disconnect device

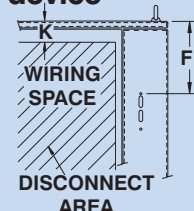


5100 ESY & ESA, 5412 ESA & ESSA
5500 ESY, ESSY, UFD, UFDSS, UCD & UCDSS,
9500 UXD, UXDSS

“K” is the wire bending space
“F” is the distance from top of cabinet to switch mounting hole
Note: All dimensions in inches

6500 MXU

“K” is the wire bending space
“F” is the distance from top of cabinet to switch mounting hole
Note: All dimensions in millimeters



Data subject to change without notice.

TECHNICAL DATA

Tables of wiring space above main disconnecting device

Eaton Cutler-Hammer C361 disconnect switches

Wire bend space above disconnect switch for catalog number

ENCLOSURE		DEPTH				HEIGHT				HEIGHT				HEIGHT		
TYPE	AMP	8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	
C361NC	30A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361SC21	30A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361SC61	30A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361ND	60A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361SD22	60A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361SD62	60A	8.63	7.20	11.63	10.20	7.88	6.45	13.88	12.45	11.88	10.45	17.88	16.45	20.88	19.45	384
C361NE	100A	8.63	6.80	11.63	9.80	7.88	6.05	13.88	12.05	11.88	10.05	17.88	16.05	20.88	19.05	373
C361SE263	100A	8.63	6.80	11.63	9.80	7.88	6.05	13.88	12.05	11.88	10.05	17.88	16.05	20.88	19.05	373
*C361NF	200A	8.63	4.80	11.63	7.80	7.88	4.05	13.88	10.05	11.88	8.05	17.88	14.05	20.88	17.05	322
*C361SF264	200A	8.63	4.80	11.63	7.80	7.88	4.05	13.88	10.05	11.88	8.05	17.88	14.05	20.88	17.05	322

*200 amp switch should be installed in an enclosure with an A dimension of 30" or more

General Electric type STDA circuit breaker operators

Wire bend space above disconnect switch for catalog number

ENCLOSURE		DEPTH				HEIGHT				HEIGHT				HEIGHT		
TYPE	AMP	8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	G	F	K	F	K	F	K	F	K	F	K	F	K	
SDOM1A	150A	8.63	7.85	11.63	10.85	7.88	7.16	13.88	13.16	11.88	11.16	17.88	17.16	20.88	20.16	402
SDOM3	250A	8.63	7.53	11.63	10.53	7.88	6.78	13.88	12.78	11.88	10.78	17.88	16.78	20.88	19.78	392
SDOM4	600A	8.63	—	11.63	—	7.88	—	13.88	9.15	11.88	—	17.88	13.15	20.88	16.15	299
TDOM1A-C	150A	8.63	7.97	11.63	10.97	7.88	7.22	13.88	13.22	11.88	11.22	17.88	17.22	20.88	20.22	403
TDOM1D	150A	8.63	6.60	11.63	9.60	7.88	5.85	13.88	11.85	11.88	9.85	17.88	15.85	20.88	18.85	368
TDOM3	225A	8.63	7.55	11.63	10.55	7.88	6.80	13.88	12.80	11.88	10.80	17.88	16.80	20.88	19.80	392
TDOM4	400A	8.63	—	11.63	9.65	7.88	—	13.88	11.90	11.88	9.90	17.88	15.90	20.88	18.90	369
TDOM4	600A	8.63	—	11.63	9.65	7.88	—	13.88	11.90	11.88	9.90	17.88	15.90	20.88	18.90	369
TDOM5	400A	8.63	—	11.63	9.65	7.88	—	13.88	11.90	11.88	9.90	17.88	15.90	20.88	18.90	369
TDOM6	225A	8.63	6.10	11.63	9.10	7.88	—	13.88	11.35	11.88	—	17.88	15.35	20.88	18.35	355
TDOM6	400A	8.63	—	11.63	7.73	7.88	—	13.88	9.98	11.88	—	17.88	13.98	20.88	16.98	320
TDOM6	800A-1200A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	—	20.88	18.36	—
TDOM6	1200A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	—	20.88	18.36	—
TDOM7	600A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	12.22	20.88	15.22	276
TDOM7	800A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	12.22	20.88	15.22	276
TDOM7	1200A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	—	20.88	15.22	—

General Electric type STDA disconnect switch operators

Wire bend space above disconnect switch

ENCLOSURE		DEPTH				HEIGHT				HEIGHT				HEIGHT		
TYPE	AMP	8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	
TDOM1A	30A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM1B	30A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM1A	60A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM1B	60A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM1A	100A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM1B	100A	8.63	9.12	11.63	12.12	7.88	8.37	13.88	14.37	11.88	12.37	17.88	18.37	20.88	21.37	432
TDOM2	200A	8.63	6.43	11.63	9.43	7.88	5.68	13.88	11.68	11.88	9.68	17.88	15.68	20.88	18.68	364

Data subject to change without notice.

TECHNICAL DATA

Tables of wiring space above main disconnecting device

Westinghouse type AMT below-handle mechanism with variable or fixed pivot assemblies for disconnects switches

Wire bend space above disconnect switch for catalog number

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH				HEIGHT				HEIGHT				HEIGHT		
		8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	K
DS16U	30A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS121R	30A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS161R	30A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS122	30A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS162	30A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS26U	60A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS222R	60A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS262R	60A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS263	60A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS36U	100A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS363R	100A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS364	100A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
DS46U	200A	8.63	6.51	11.63	9.51	7.88	5.76	13.88	11.76	11.88	9.76	17.88	15.76	20.88	18.76	366
DS464R	200A	8.63	6.51	11.63	9.51	7.88	5.76	13.88	11.76	11.88	9.76	17.88	15.76	20.88	18.76	366
DS465	200A	8.63	6.51	11.63	9.51	7.88	5.76	13.88	11.76	11.88	9.76	17.88	15.76	20.88	18.76	366

Westinghouse type AMT below-handle mechanism with variable or fixed pivot assemblies circuit breakers

Wire bend space above disconnect switch for catalog number

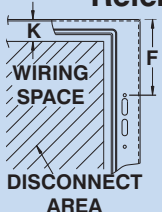
ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
TYPE	AMP	DEPTH				HEIGHT				HEIGHT				HEIGHT		
		8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	K
EB	100A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
FB Tri-Pak	100A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
* MCP(04)	150A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
** F Frame	150A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
** J Frame	250A	8.63	8.79	11.63	11.79	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
** K Frame	400A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
LA.LAB.HLA.600A	600A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
LC. HLC	600A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
LA Tri-Pac	400A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
MC. HMC.	800A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
MA. HMA	800A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
NC. HNC. NB.	1200A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
HNB	1200A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424
NB Tri-Pak	800A	8.63	—	11.63	—	7.88	8.04	13.88	14.04	11.88	12.04	17.88	18.04	20.88	21.04	424

Note : Westinghouse items are sold through Eaton Cutler Hammer

* MCP (04) Current limiter

** F, J, and K Frame are from Series C

Reference for the tables of wiring space above main disconnect device

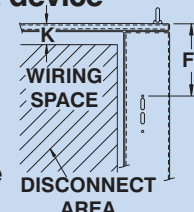


5100 ESY & ESA, 5412 ESA & ESSA
5500 ESY, ESSY, UFD, UFDSS, UCD & UCDSS,
9500 UXD, UXDSS

“K” is the wire bending space
“F” is the distance from top of cabinet to switch mounting hole

Note: All dimensions in inches

6500 MXU



“K” is the wire bending space
“F” is the distance from top of cabinet to switch mounting hole

Note: All dimensions in millimeters

Data subject to change without notice.

TECHNICAL DATA

Tables of wiring space above main disconnecting device

ABB controls disconnect switches with flange-mounted operators

Wire bend space above disconnect switch for catalog number

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
		DEPTH				HEIGHT				HEIGHT				HEIGHT		
TYPE	AMP	8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	
OS30AJF30-F	30A	8.63	7.96	11.63	10.96	7.88	7.21	13.88	13.21	11.88	11.21	17.88	17.21	20.88	20.21	402
OS60JF30-F	60A	8.63	7.77	11.63	10.77	7.88	7.02	13.88	13.02	11.88	11.02	17.88	17.02	20.88	20.02	398
OS100JF30-F	100A	8.63	7.43	11.63	10.43	7.88	6.68	13.88	12.68	11.88	10.68	17.88	16.68	20.88	19.68	389

ABB controls circuit breakers with flange mounted operators

Wire bend space above disconnect switch for catalog number

ENCLOSURE		5100 ESY & ESA 5412 ESA & ESSA 5500 ESY & ESSY				5500 UFD & UFDSS 5500 UCD & UCDSS				9500 UXD 9500 UXDSS				6500 MXU		
		DEPTH				HEIGHT				HEIGHT				HEIGHT		
TYPE	AMP	8" OR 10"		12" OR 16"		60"		72"		72"		84"		90"	F=420mm	
NUMBER	RATING	F	K	F	K	F	K	F	K	F	K	F	K	F	K	
K2FHD-M	100A	8.63	7.25	11.63	10.25	7.88	6.50	13.88	12.50	11.88	10.50	17.88	16.50	20.88	19.50	384
K3FHD-M	100A-225A	8.63	—	11.63	5.55	7.88	—	13.88	7.80	11.88	5.80	17.88	11.80	20.88	14.80	265
K4FHD-M	250A	8.63	—	11.63	—	7.88	—	13.88	6.18	11.88	4.18	17.88	10.18	20.88	13.18	224
K5FHD-M	400A	8.63	—	11.63	—	7.88	—	13.88	6.18	11.88	—	17.88	10.18	20.88	13.18	224
K5FHD-M	600/800A	8.63	—	11.63	—	7.88	—	13.88	—	11.88	—	17.88	10.13	20.88	13.13	220

Wireways/Raceways regulation and fill tables

CSA Limits the Fill and Type of Wires as per the following sections in the Canadian Electrical Code C22.1-06 Part 1 Edition 20

Section 12-2104 Conductors in Wireways

(1) conductors used in wireways shall be the insulated types indicated in Table 19 as being suitable for use in raceways.

(2) except as permitted in subrule 4 wireways shall contain no more than 200 conductors and the aggregate cross-section area of the conductors and their insulation shall not exceed 20% of the interior cross-sectional area of the wireway

(3) no conductor larger than 500 kcmil copper and 750 kcmil aluminum shall be installed in any wireway

(4) wireways containing only signal and control conductors shall be permitted to contain any number of conductors, but the aggregate cross-sectional area of the

conductors and their insulation shall not exceed 40% of the cross-sectional area of the wireway

(5) the cross-sectional area for conductors in Subrules (2) & (4) shall be determined in accordance with Rule 12-1014 (4)

Rule 12-1014 Subsection 4

The maximum number of conductors or multi conductor cables in one conduit shall be such that the conductors or cables and their coverings will not result in a greater conduit fill than that specified in Table 8 and in this determination

(a) the interior cross-sectional area of various sizes of conduit shall be those specified in Table 9

(b) not with standing the requirements of Item (a). the interior

resulting cross-section of raceways shall be permitted to be derived from their measured internal dimensions or from manufacturer's listed specifications

(c) the diameters and cross-sectional areas of single-conductors bare and insulated wires and multi-conductor cables shall be obtained by measurement: and

(d) not with standing the requirements of Item (c) the dimensions of single conductor wires shall be permitted to be obtained from Table 10 for the construction listed therein.

THE ABOVE ARE REPRINTS FROM CANADIAN ELECTRICAL CODE

Note: kcmil is the same as MCM

Data subject to change without notice.

