

Technical data as per UL/CSA, IEC 204, IEC 947-3, EN60 204, EN 60 947, VDE 0113
UL 5kA: D05 - D5, UL 10kA: D6, D7

EMERGENCY / MAIN DISCONNECTS

Switch Size		D05	D1	D2	D3	DK4	D4	D5	D6	D7
Rated interrupted current I _u switch insert/I _{th} under enclosure	A	16	25	40/32	63/50	80	100	125	200/160	250
APPROVALS CANADA, USA, UL General use	600VAC max., 3 phase ~ A	16	25	40	63	80	100	125	200	250
Motor 3-phase	208V hp	3	5	5	10	15	15	15	30	40
	240V hp	3	5	7.5	10	20	20	25	40	50
	480V hp	7.5	7.5	15	25	40	40	50	75	100
	600V hp	7.5	7.5	15	30	50	50	50	50	60
Motor 1-phase	120V hp	1/2	1	1.5	3	3	3	3		
	240V hp	1 1/2	2	3	5	10	10	10		
Pilot Duty - Auxiliary switch UL/CSA	A600	A600	A600	A600	A600	A600	A600	A600	A600	A600
Rated insulating voltage III/ 3 EN 60 947 U _i	V	690	690	690	690	690	690	690	690	690
Rated impulse voltage rigidity III/ 3 EN 60 947 U _{imp.}	kV	6	6	6	6	6	6	6	6	6
Connectable Cross Sections single resp. multi-strand	mm ²	1-4	1-4	2.5-16	2.5-16	4-50	4-50	4-50	35-185	35-185
Fine wire with core end bush (DIN 46 228)	mm ²	0.75-2.5	0.75-2.5	1.5-16	1.5-16	4-35	4-35	4-35	35-120	35-120
For enclosure execution	mm ²	5 x 4	5 x 4	5 x 4	5 x 10	-	5 x 16 4 x 25	4 x 50	4 x 70	4 x 185
Short-circuit protection, fusible cut-out (gL)	A max.	35	35	50	63	80	100	125	200	250
Requirements for isolators complied with up to	V ~	500	500	690	690	690	690	690	690	690
Switching capacity										
AC-21A/B Load break switches Rated operating current I _e	A	16	25	40/32	63/50	80	100/80 ¹⁾	125	200/160	250
Rated operating voltage U _e	V ~	690	690	690	690	690	690	690	690	690
AC-23A/B Motor switches (main switches)	380..440V, 3 ~kW	7.5	7.5	15	22	30	37	45	90/75	132
AC-3 Motor switches, for operational switching	380..440V 3 ~kW	5.5	5.5	11	18.5	22	30	37	75	75
Auxiliary switches/Rated insulating voltage (III/3) U _i	V	690	690	690	690	690	690	690	690	690
Rated impulse voltage rigidity (III/3) U _{imp.}	kV	6	6	6	6	6	6	6	6	6
Thermal rated current I _{th}	A	12	12	12	12	12	12	12	12	12
AC-15 Rated operating current e at 220-010 / 380-440 / 500V	A	6/4/3	6/4/3	6/4/3	6/4/3	6/4/3	6/4/3	6/4/3	6/4/3	6/4/3
Short-circuit protection, fusible cut-out (gL)	A max.	16	16	16	16	16	16	16	16	16
Connectable cross sections single resp. multi strand	mm ²	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5
Fine wire with core end bush (DIN 46 228)	mm ²	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5
Wire ranges, AWG		16-10	16-10	12-4	12-4	10-40	10-40	10-40	2/350 mcm	2/350 mcm

¹⁾ See ordering pages

²⁾ With terminal lug