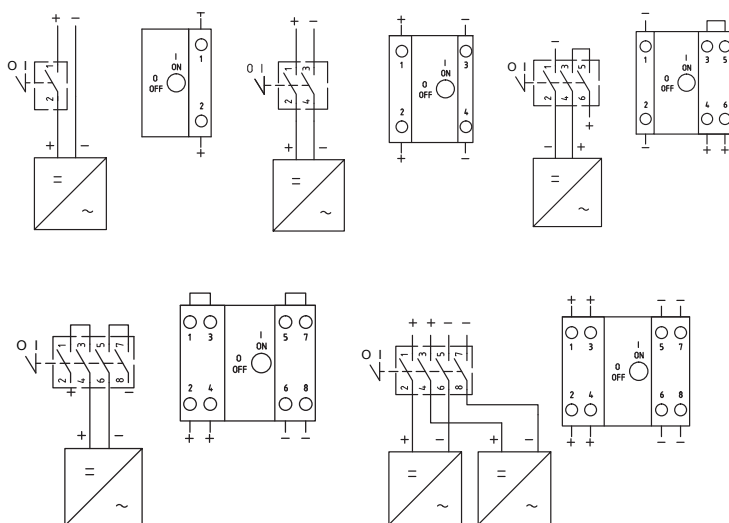
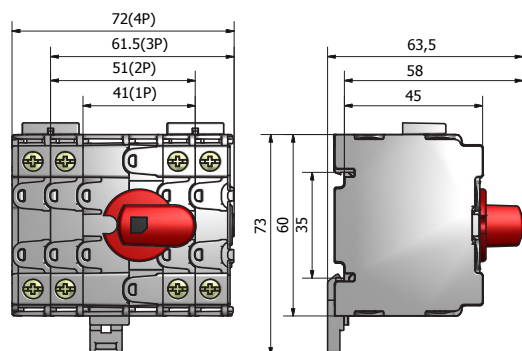


PHOTOVOLTAIC DC SWITCH DISCONNECTOR

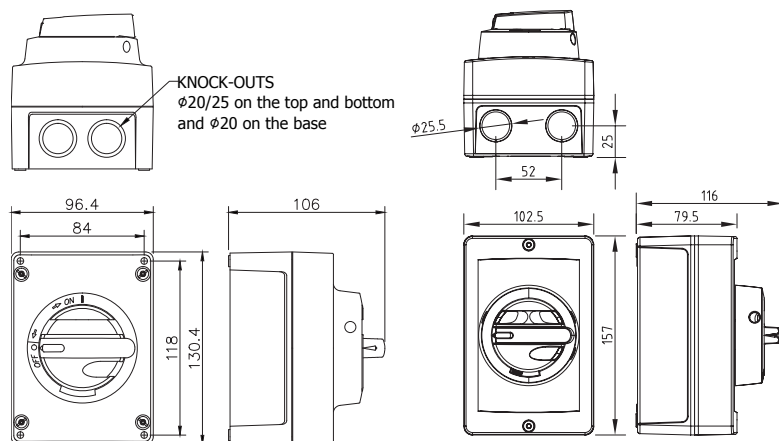
- Up to 32 A 1200 V DC, DC21B
- Compact size DC load break switch (KD)
- 1-4 poles versions
- Compatible with LK10 handle
- L=100/200/300 AD11 shafts
- Wide operating temperature range
- Padlockable LK10
- LK10 with door interlock with defeat mechanism



Load Break Switch		KD 116	KD 125	KD 132	KD 216	KD 225	KD 232
Safety Switch, POLYCARBONATE (U2)		KDM 116	KDM 125	KDM 132	KDM 216	KDM 225	KDM 232
Safety Switch, ALUMINIUM (A2)		KDA 116	KDA 125	KDA 132	KDA 216	KDA 225	KDA 232
Number of poles in series		1	1	1	2	2	2
Rated insulation voltage	Ui (V)	1200	1200	1200	1200	1200	1200
Impulse withstand voltage	Uimp(kV)	8	8	8	8	8	8
Rated thermal current, open air	Ith (A)	16	25	32	16	25	32
Rated thermal current, enclosed ambient +40°C	Ithe (A)	16	25	32	16	25	32
Rated thermal current, enclosed ambient +60°C	Ithe (A)	16	25	32	16	25	32
Nominal values with cable size (mm ²)		2,5	4	6	2,5	4	6
Rated operational current DC-21B	Ue (VDC)	Ie(A)					
	300V	10	12	16	16	25	32
	400V	10	12	16	16	25	32
	500V	10	12	16	16	25	32
	600V	8	10	12	16	25	32
	700V	4	6	8	16	25	32
	800V	2	4	6	16	25	32
	900V	2	3	5	12	16	20
	1000V	2	3	4	10	12	16
	1200V	1	1,5	2	10	12	16
Rated short circuit making capacity	Icm (A)	1200	1200	1200	1200	1200	1200
Rated short time withstand current	Icw (A)	800	800	800	800	800	800
Mechanical endurance		20000	20000	20000	20000	20000	20000
Terminals / *Bolt size	Cu (mm ²)	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16
Terminal torque	(Nm)	1,8	1,8	1,8	1,8	1,8	1,8

ENCLOSED DC ISOLATOR SWITCH DISCONNECTOR

- Up to 32 A 1200 V DC, DC21B
- Available in Polycarbonate and Aluminium enclosures
- IP 66; Enclosure types U2 (KDM) and A2 (KDA)
- Self-extinguishing material
- Wide operating temperature range
- Padlockable
- Door interlock with defeat mechanism
- Excellent insulating properties
- Good UV resistance
- Good resistance against many chemicals



Load Break Switch		KD 316	KD 325	KD 332	KD 416	KD 425	KD 432
Safety Switch, POLYCARBONATE (U2)		KDM 316	KDM 325	KDM 332	KDM 416	KDM 425	KDM 432
Safety Switch, ALUMINIUM (A2)		KDA 316	KDA 325	KDA 332	KDA 416	KDA 425	KDA 432
Number of poles in series		3	3	3	4	4	4
Rated insulation voltage	Ui (V)	1200	1200	1200	1200	1200	1200
Impulse withstand voltage	Uimp(kV)	8	8	8	8	8	8
Rated thermal current, open air	Ith (A)	16	25	32	16	25	32
Rated thermal current, enclosed ambient +40°C	Ithe (A)	16	25	32	16	25	32
Rated thermal current, enclosed ambient +60°C	Ithe (A)	16	25	32	16	25	32
Nominal values with cable size (mm ²)		2,5	4	6	2,5	4	6
Rated operational current DC-21B	Ue (VDC)						
	300V	16	25	32	16	25	32
	400V	16	25	32	16	25	32
	500V	16	25	32	16	25	32
	600V	16	25	32	16	25	32
	700V	16	25	32	16	25	32
	800V	16	25	32	16	25	32
	900V	16	25	32	16	25	32
	1000V	16	25	32	16	25	32
	1200V	12	16	20	16	25	32
Rated short circuit making capacity	Icm (A)	1200	1200	1200	1200	1200	1200
Rated short time withstand current	Icw (A)	800	800	800	800	800	800
Mechanical endurance		20000	20000	20000	20000	20000	20000
Terminals / *Bolt size	Cu (mm ²)	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16	1,5-16
Terminal torque	(Nm)	1,8	1,8	1,8	1,8	1,8	1,8