

DC Disconnect Switch
DX Series



Bremas Ersee SpA
Via castellazzo 9 - 20040 Cambiago (MI)
Tel +39 02 96651011 Fax +39 02 96651039
www.bremas.eu info@bremas.it
ISO 9001 Certified Quality System

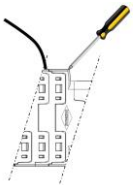
DX150301EPADRND



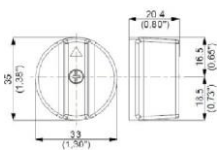
Technical data according to IEC 60947-3:2015/A2 AnnexD			
Utilization category		PV1 (DC21B)	PV2
Rated operational voltage	Ue	V dc	1500
Rated operational current	Ie	A dc	30
Rated operational voltage (second rating)	Ue	V dc	1000
Rated operational current (second rating)	Ie	A dc	60
Rated thermal current	Ith	A	60
DC Poles		Nr.	2
Rated conditional short-circuit current		kA	5
Rated insulation voltage	Ui	V dc	1.500
Rated impulse withstand voltage	Uimp	kV	8
Rated short-time withstand current (1s)	Icw	A	780
Rated short-circuit making capacity	Icm	kA	1,4
Power loss per layer at 20A/50A		W	0,2/1,25
Max fuse size for short-circuit protection	gPV	A	63
Mechanical characteristics			
Type of mounting		Base mounting. Back-side for DIN rail, for standard distribution boards (45mm window). With pre-mounted knob	
Layers		Nr.	3
Screwdriver orientation for terminals			Head up
External metal parts (screws, shaft)			Stainless steel
Terminal capacity with flexible/solid wires	Max	mm² AWG	2x 6 10
Terminal capacity with fork terminals	Max	mm² AWG	1x 16 6
Thread dimensions for terminal screws			M4
Terminal screws tightening torque		Nm	1,7 ± 10%
Actuator operation force		Nm	1,5
Net weight		g	193
Protection degree IEC 529 EN 60529			
On terminals			IP20
Mounted on panel			----
Ambient conditions			
Pollution degree ins.			2
Operational ambient temperature		°C	-40 ÷ +70
Storage ambient temperature		°C	-40 ÷ +85
Damp heat test IEC60068-2-30			90-100% RH at +55 °C



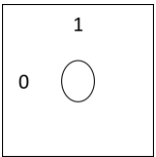
Screwdriver orientation
for terminals



Knob



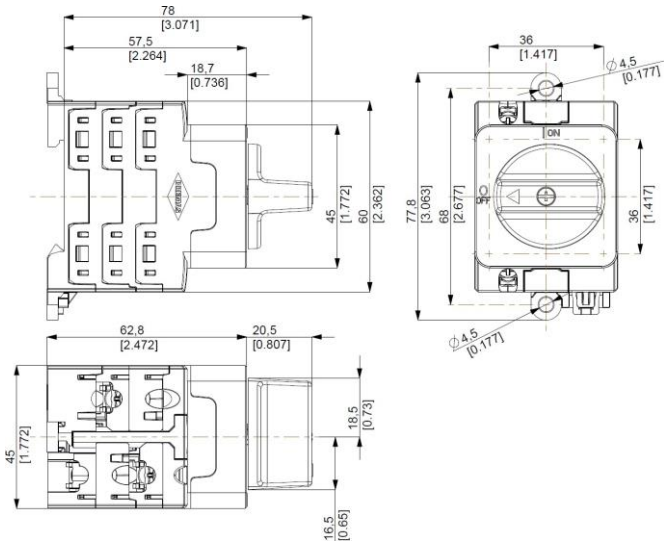
Positions



Electrical Diagram

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Marking	-1	+1														
			E M P T Y													
Marking	-1	+1														
0/OFF																
I/ON	X	X														

Dimensions



Drilling Templates

