

FDV – DOKUMENTASJON		Nr.:029
		Rev.:
		Dato: 6.7.2015
Produktspesifikasjon	Lastbryter	
Produktnavn	Dilos 1 serie	
Anvisning for drift	Ingen	
Vedlikehold	Produktet er vedlikeholdsritt	
Henvisninger Vedlegg	Produktkatalog, dokumentasjon, brukerveiledning og tekniske data	
Produsent	General Electric	
Importør	EFA Elektro AS, Postboks 593, 1411 Kolbotn, Norway Tlf. 66812400 e-mail: post@efa.no - www.efa.no	

EFA Elektro AS



Serviceingeniør vern og startapparater

Teknisk data for Dilos 1

EN 60947-1 and EN 60947-3 standard						
Rated current $I_{the}=I_{th}$	A	40	63	80	100	125
Poles		2/3/4	2/3/4	2/3/4	2/3/4	2/3/4
Frequency	Hz	50/60	50/60	50/60	50/60	50/60
Rated thermal current at 40°C 50°C 60°C	A	40	63	80	100	125
	A	40	63	80	100	125
	A	40	63	80	100	125
Power loss per pole	W	0,48	1,2	1,84	2,9	4,5
Terminal capacity (Cu) min max	mm ²	6	6	6	6	6
	mm ²	50	50	50	50	50
Max torque on terminals	Nm	12	12	12	12	12
Rated operational voltage U_e	V	690	690	690	690	690
Rated insulation voltage U_i	V	690	690	690	690	690
Rated impulse withstand voltage (2000m) U_{imp}	kV	8	8	8	8	8
Impulse test voltage at sea level	kV	12,3	12,3	12,3	12,3	12,3
Rated operational current I_e AC21A $U_e=400V$ $U_e=415V$ $U_e=500V$ $U_e=690V$	A	40	63	80	100	125
	A	40	63	80	100	125
	A	40	63	80	100	100
	A	40	63	80	100	100
Rated operational current I_e AC22A $U_e=400V$ $U_e=415V$ $U_e=500V$ $U_e=690V$	A	40	63	80	100	125
	A	40	63	80	100	125
	A	40	63	80	100	100
	A	40	50	63	63	63
Rated operational current I_e AC23A $U_e=400V$ $U_e=415V$ $U_e=500V$ $U_e=690V$	A	40	50	80	80	80
	A	40	50	80	80	80
	A	25	32	50	50	50
	A	18	25	40	40	40
Max rated operational power at rated duty AC23 $U_e=400V$ $U_e=415V$ $U_e=500V$ $U_e=690V$	kW	21	27	44	44	44
	kW	22	28	46	46	46
	kW	22	22	35	35	35
	kW	22	22	36	36	36
Rated making and breaking capacity at 415V AC23A Making $10 \times I_e$ Breaking $8 \times I_e$	A	400	630	800	1000	1250
	A	320	504	640	800	100
Rated short time withstand Current I_{cw} 1 s. 0,25 s	kA _{rms}	3	3	3	3	3
	kA _{rms}	6	6	6	6	6
Rated short-circuit making capacity I_{cm} $U_e=400V$ $U_e=415V$ $U_e=500V$ $U_e=690V$	kA _{peak}	6,8	6,8	6,8	6,8	6,8
	kA _{peak}	6,8	6,8	6,8	6,8	6,8
	kA _{peak}	4,5	4,5	4,5	4,5	4,5
	kA _{peak}	4,5	4,5	4,5	4,5	4,5
Rated conditional short- circuit current with back-up protection featuring the same current as the switch (kA _{rms}) 400V 415V 500V 690V	kA	50	50	50	50	50
	kA	50	50	50	50	50
	kA	50	50	50	50	50
	kA	32	32	32	32	32
Rated capacity power at 400V	kVAR	20	30	40	50	60

Rated operational current DC23A	2P in series 110V	A	40	63	80	100	100
	2P in series 220V	A	40	63	-	-	-
	4P in series 220V	A	-	-	80	100	125
Operating torque		Nm	1,4	1,4	1,4	1,4	1,4
Force		N	45	45	45	45	45
Durability (number of operation cycles)	Electrical		1500	1500	1500	1500	1500
	Mechanical		20000	20000	20000	20000	20000
Weight	2P	kg	0,48	0,48	0,48	0,48	0,48
	3P	kg	0,54	0,54	0,54	0,54	0,54
	4P	kg	0,59	0,59	0,59	0,59	0,59

