

FDV – DOKUMENTASJON		Nr.: 030
		Rev.:
		Dato: 6.7.2015
Produktspesifikasjon	Lastbryter	
Produktnavn	Dilos 2 serie	
Anvisning for drift	Ingen	
Vedlikehold	Produktet er vedlikeholdsfritt	
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 2

EN 60947-1 and EN 60947-3 standard				
Rated current $I_{the}=I_{th}$	A	160	200	
Poles		2/3/4	2/3/4	
Frequency	Hz	50/60	50/60	
Rated thermal current at	40°C	A	160	200
	50°C	A	160	200
	60°C	A	160	200
Power loss per pole	W	6,5	10	
Terminal capacity (Cu)	min	mm	Cu-rail 20x6	Cu-rail 20x6
	max	mm		
Max torque on terminals	Nm	12	12	
Rated operational voltage U_e	V	690	690	
Rated insulation voltage U_i	V	690	690	
Rated impulse withstand voltage (2000m) U_{imp}	kV	8	8	
Impulse test voltage at sea level	kV	12,3	12,3	
Rated operational current I_e AC21A	$U_e=400V$	A	160	200
	$U_e=415V$	A	160	200
	$U_e=500V$	A	160	200
	$U_e=690V$	A	160	200
Rated operational current I_e AC22A	$U_e=400V$	A	160	200
	$U_e=415V$	A	160	200
	$U_e=500V$	A	160	200
	$U_e=690V$	A	160	200
Rated operational current I_e AC23A	$U_e=400V$	A	125	160
	$U_e=415V$	A	125	160
	$U_e=500V$	A	125	125
	$U_e=690V$	A	63	80
Max rated operational power at rated duty AC23	$U_e=400V$	kW	69	88
	$U_e=415V$	kW	72	92
	$U_e=500V$	kW	86	86
	$U_e=690V$	kW	60	76
Rated making and breaking capacity at 415V AC23A	Making $10 \times I_e$	A	1600	2000
	Breaking $8 \times I_e$	A	1280	1600
Rated short time withstand Current I_{cw}	1 s.	kA_{rms}	3	3
	0,25 s	kA_{rms}	6	6
Rated short-circuit making capacity I_{cm}	$U_e=400V$	kA_{peak}	10	10
	$U_e=415V$	kA_{peak}	10	10
	$U_e=500V$	kA_{peak}	6,7	6,7
	$U_e=690V$	kA_{peak}	6,7	6,7
Rated conditional short- circuit current with back-up protection featuring the same current as the switch (kA_{rms})	400V	kA	50	50
	415V	kA	50	50
	500V	kA	50	30
	690V	kA	20	18
Rated capacity power at 400V	kVAR	77	97	

Rated operational current DC23A	2P in series 110V	A	160	160
	2P in series 220V	A	100	100
	4P in series 220V	A	160	160
Operating torque		Nm	1,4	1,4
Force		N	45	45
Durability (number of operation cycles)	Electrical		1000	1000
	Mechanical		10000	10000
Weight	2P	kg	0,62	0,62
	3P	kg	0,73	0,73
	4P	kg	0,77	0,77

