

FDV – DOKUMENTASJON		Nr.: 032
		Rev.:
		Dato: 6.7.2015
Produktspesifikasjon	Lastbryter	
Produktnavn	Dilos 4 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

Rune Holand

Serviceingeniør vern og startapparater



Teknisk data for Dilos 4

EN 60947-1 and EN 60947-3 standard					
Rated current $I_{the}=I_{th}$		A	400	500	630
Poles			3/4	3/4	3/4
Frequency		Hz	50/60	50/60	50/60
Rated thermal current at	40°C	A	400	500	630
	50°C	A	400	500	630
	60°C	A	400	500	630
Power loss per pole		W	10,5	16	26
Terminal capacity (Cu)	min	mm	Cu-rail	Cu-rail	Cu-rail
	max	mm	40x6	40x6	40x6
Max torque on terminals		Nm	60	60	60
Rated operational voltage U_e		V	690	690	690
Rated insulation voltage U_i		V	1000	1000	1000
Rated impulse withstand voltage (2000m) U_{imp}		kV	8	8	8
Impulse test voltage at sea level		kV	12,3	12,3	12,3
Rated operational current I_e AC21A	$U_e=400V$	A	400	500	630
	$U_e=415V$	A	400	500	630
	$U_e=500V$	A	400	500	630
	$U_e=690V$	A	400	500	630
Rated operational current I_e AC22A	$U_e=400V$	A	400	500	630
	$U_e=415V$	A	400	500	630
	$U_e=500V$	A	400	500	630
	$U_e=690V$	A	400	500	630
Rated operational current I_e AC23A	$U_e=400V$	A	400	500	630
	$U_e=415V$	A	400	500	630
	$U_e=500V$	A	400	500	630
	$U_e=690V$	A	400	400	450
Max rated operational power at rated duty AC23	$U_e=400V$	kW	218	270	335
	$U_e=415V$	kW	230	285	375
	$U_e=500V$	kW	295	370	405
	$U_e=690V$	kW	390	440	440
Rated making and breaking capacity at 415V AC23A	Making $10 \times I_e$	A	4000	5000	6300
	Breaking $8 \times I_e$	A	3200	4000	5040
Rated short time withstand Current I_{cw}	1 s.	kA_{rms}	20	20	20
	0,25 s	kA_{rms}	35	35	35
Rated short-circuit making capacity I_{cm}	$U_e=400V$	kA_{peak}	60	60	60
	$U_e=415V$	kA_{peak}	60	60	60
	$U_e=500V$	kA_{peak}	60	60	60
	$U_e=690V$	kA_{peak}	60	60	60
Rated conditional short- circuit current with back-up protection featuring the same current as the switch (kA_{rms})	400V	kA	100	100	100
	415V	kA	100	100	100
	500V	kA	100	100	100
	690V	kA	100	100	100
Rated capacity power at 400V		kVAR	193	242	305



Rated operational current DC23A	2P in series 110V	A	400	-	-
	2P in series 220V	A	-	-	-
	4P in series 220V	A	400	-	-
Operating torque		Nm	40	40	40
Force		N	333	333	333
Durability (number of operation cycles)	Electrical		1000	700	500
	Mechanical		5000	5000	500
Weight	2P	kg			
	3P	kg	9	9	9
	4P	kg	9,6	9,6	9,6

