

FDV – DOKUMENTASJON		Nr.: 031
		Rev.:
		Dato: 6.7.2015
Produktspesifikasjon	Lastbryter	
Produktnavn	Dilos 3 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 3

EN 60947-1 and EN 60947-3 standard				
Rated current $I_{the}=I_{th}$	A	250	315	
Poles		3/4	3/4	
Frequency	Hz	50/60	50/60	
Rated thermal current at	40°C	A	250	315
	50°C	A	250	315
	60°C	A	250	315
Power loss per pole	W	75	12	
Terminal capacity (Cu)	min	mm	Cu-rail	Cu-rail
	max	mm	30x6	30x6
Max torque on terminals	Nm	12	12	
Rated operational voltage U_e	V	690	690	
Rated insulation voltage U_i	V	1000	1000	
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	250	315
	$U_e=415V$	A	250	315
	$U_e=500V$	A	250	315
	$U_e=690V$	A	250	315
Rated operational current I_e AC22A	$U_e=400V$	A	250	315
	$U_e=415V$	A	250	315
	$U_e=500V$	A	250	315
	$U_e=690V$	A	250	315
Rated operational current I_e AC23A	$U_e=400V$	A	250	315
	$U_e=415V$	A	250	315
	$U_e=500V$	A	250	315
	$U_e=690V$	A	250	200
Max rated operational power at rated duty AC23	$U_e=400V$	kW	135	165
	$U_e=415V$	kW	140	175
	$U_e=500V$	kW	175	220
	$U_e=690V$	kW	190	190
Rated making and breaking capacity at 415V AC23A	Making $10 \times I_e$	A	2500	3150
	Breaking $8 \times I_e$	A	2000	2520
Rated short time withstand Current I_{cw}	1 s.	kA_{rms}	9	9
	0,25 s	kA_{rms}	15	15
Rated short-circuit making capacity I_{cm}	$U_e=400V$	kA_{peak}	30	30
	$U_e=415V$	kA_{peak}	30	30
	$U_e=500V$	kA_{peak}	30	30
	$U_e=690V$	kA_{peak}	30	30
Rated conditional short- circuit current with back-up protection featuring the same current as the switch (kA_{rms})	400V	kA	100	70
	415V	kA	100	70
	500V	kA	100	70
	690V	kA	100	70
Rated capacity power at 400V	kVAR	120	152	

Rated operational current DC23A	2P in series 110V	A	250	315
	2P in series 220V	A	160	160
	4P in series 220V	A	250	315
Operating torque		Nm	12	12
Force		N	120	120
Durability (number of operation cycles)	Electrical		1000	8000
	Mechanical		10000	10000
Weight	2P	kg	-	-
	3P	kg	2,75	2,75
	4P	kg	2,9	2,9

