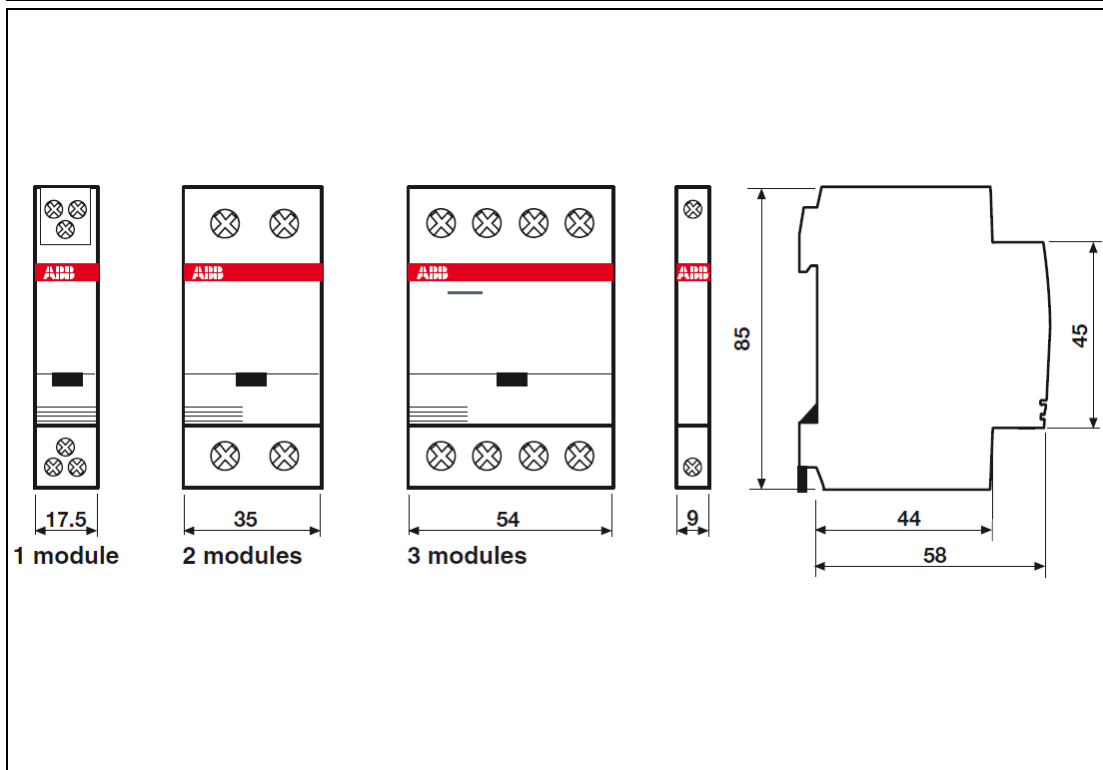


FDV dokumentasjon EN

EN	Typebetegnelse	Varenummer	EAN	El.nummer
Kontaktorer	EN20-20, 230V, AC, 2NO	GHE3221101R0006	3471520265069	14 297 80
	EN24-30, 230V, AC, 2NO	GHE3261501R0006	4013614134319	14 297 81
	EN24-40, 230V, AC, 4NO	GHE3261101R0006	4013614133688	14 297 82
	EN40-20, 230V, AC, 2NO	GHE3421401R0006	4013614129582	14 297 83
	EN40-30, 230V, AC, 3NO	GHE3421501R0006	4013614212338	14 297 84
	EN40-40, 230V, AC, 4NO	GHE3421101R0006	4013614133701	14 297 85
FDV	Ingen krav til periodisk vedlikehold.			

Tekniske Data

Contactor types:	AC operated AC/DC operated	ESB20/EN20			ESB24/EN24			ESB40/EN40		
Rated operational voltage U_n max.	V	250			400					
Rated frequency limits	Hz	50/60			40...450					
Utilization category AC-1 / AC-7a										
for air temperature close to contactor $\leq 55^\circ\text{C}$ (NO) A										
Max. rated operational current I_n AC-1 / AC-7a (NC) A		20			24			40		
Rated operational power AC-1										
230 V - 1 phase	kW	4			5.3			8.8		
400 V - 3 phases	kW	-			16			26		
Utilization category AC-3 / AC-7b										
for air temperature close to contactor $\leq 55^\circ\text{C}$										
Max. rated operational current I_n AC-3/AC-7b										
230 V - 1 phase	A	9			9			22		
400 V - 3 phases	A	-			9			22		
Rated operational power AC-3										
230 V - 1 phase	kW	1.1			2.2			5.5		
400 V - 3 phases	kW	-			4			11		
Rated making capacity AC-3										
$10 \times I_n / \text{AC-3}$										
Rated breaking capacity AC-3										
$8 \times I_n / \text{AC-3}$										
Short-circuit protection for contactors										
gG type fuse										
	A	20			35			63		
Rated short-time withstand current I_{cw}										
at 40°C ambient temp., in free air, from a cold state										
	10 s	A			72			176		
Heat dissipation per pole $I_n / \text{AC-1/AC-7a}$										
	W	1			1.5			3		
Max. electrical switching frequency										
- for AC-1 / AC-7a										
	cycles/h	300								
- for AC-3 / AC-7b										
	cycles/h	600								
Electrical durability										
- for AC-1 / AC-7a										
	cycles	150000			150000			150000		
- for AC-3 / AC-7b										
	cycles	150000			500000			170000		
Mechanical durability										
- millions of operating cycles										
		1,000,000								



Produsent	Navn	Adresse	Tlf.		E-post
	ABB AS	Bergerveien 12 1396 Billingstad	03500		automasjonsprodukter@no.abb.com