

FDV dokumentasjon

Automatsikring	Typebetegnelse	El.nummer
S700E SEL -Selektiv	HOVEDSIKR.AUT.S 701 E 20 SEL	GHS7015001R0489 1634305
	HOVEDSIKR.AUT.S 701 E 25 SEL	GHS7015001R0519 1635002
	HOVEDSIKR.AUT.S 701 E 32 SEL	GHS7015001R0529 1635003
	HOVEDSIKR.AUT.S 701 E 35 SEL	GHS7015001R0539 1635004
	HOVEDSIKR.AUT.S 701 E 40 SEL	GHS7015001R0559 1634310
	HOVEDSIKR.AUT.S 701 E 50 SEL	GHS7015001R0579 1635006
	HOVEDSIKR.AUT.S 701 E 63 SEL	GHS7015001R0599 1635008
	HOVEDSIKR.AUT.S 701 E 80 SEL	GHS7015001R0629 1635010
	HOVEDSIKR.AUT.S 701 E 100 SEL	GHS7015001R0639 1635012
	HOVEDSIKR.AUT.S 702 E 10 SEL	GHS7025001R0449 1635000
	HOVEDSIKR.AUT.S 702 E 16 SEL	GHS7025001R0469 1635001
	HOVEDSIKR.AUT.S 702 E 20 SEL	GHS7025001R0489 1635013
	HOVEDSIKR.AUT.S 702 E 25 SEL	GHS7025001R0519 1635014
	HOVEDSIKR.AUT.S 702 E 32 SEL	GHS7025001R0529 1635015
	HOVEDSIKR.AUT.S 702 E 35 SEL	GHS7025001R0539 1635016
	HOVEDSIKR.AUT.S 702 E 40 SEL	GHS7025001R0559 1634315
	HOVEDSIKR.AUT.S 702 E 50 SEL	GHS7025001R0579 1635018
	HOVEDSIKR.AUT.S 702 E 63 SEL	GHS7025001R0599 1635020
	HOVEDSIKR.AUT.S 702 E 80 SEL	GHS7025001R0629 1635022
	HOVEDSIKR.AUT.S 702 E 100 SEL	GHS7025001R0639 1635024
	HOVEDSIKR.AUT.S 703 E 20 SEL	GHS7035001R0489 1635025
	HOVEDSIKR.AUT.S 703 E 25 SEL	GHS7035001R0519 1635026
	HOVEDSIKR.AUT.S 703 E 32 SEL	GHS7035001R0529 1635027
	HOVEDSIKR.AUT.S 703 E 35 SEL	GHS7035001R0539 1635028
	HOVEDSIKR.AUT.S 703 E 40 SEL	GHS7035001R0559 1634320
	HOVEDSIKR.AUT.S 703 E 50 SEL	GHS7035001R0579 1635030
	HOVEDSIKR.AUT.S 703 E 63 SEL	GHS7035001R0599 1635032
	HOVEDSIKR.AUT.S 703 E 80 SEL	GHS7035001R0629 1635034
	HOVEDSIKR.AUT.S 703 E100 SEL	GHS7035001R0639 1635036
	HOVEDSIKR.AUT.S 704 E 20 SEL	GHS7045001R0489 1634321
	HOVEDSIKR.AUT.S 704 E 25 SEL	GHS7045001R0519 1634322
	HOVEDSIKR.AUT.S 704 E 32 SEL	GHS7045001R0529 1634329
	HOVEDSIKR.AUT.S 704 E 35 SEL	GHS7045001R0539 1634323
	HOVEDSIKR.AUT.S 704 E 40 SEL	GHS7045001R0559 1634324
	HOVEDSIKR.AUT.S 704 E 50 SEL	GHS7045001R0579 1634325
	HOVEDSIKR.AUT.S 704 E 63 SEL	GHS7045001R0599 1634326
	HOVEDSIKR.AUT.S 704 E 80 SEL	GHS7045001R0629 1634327
	HOVEDSIKR.AUT.S 704 E100 SEL	GHS7045001R0639 1634328

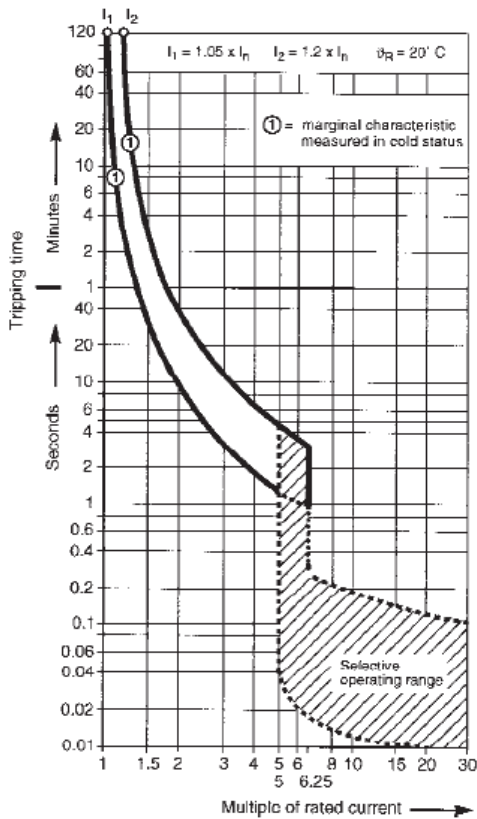
FDV	Automatsikringene er produsert og testet i henhold til VDE 0645.	Ingen krav til periodisk vedlikehold.
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Tekniske Data

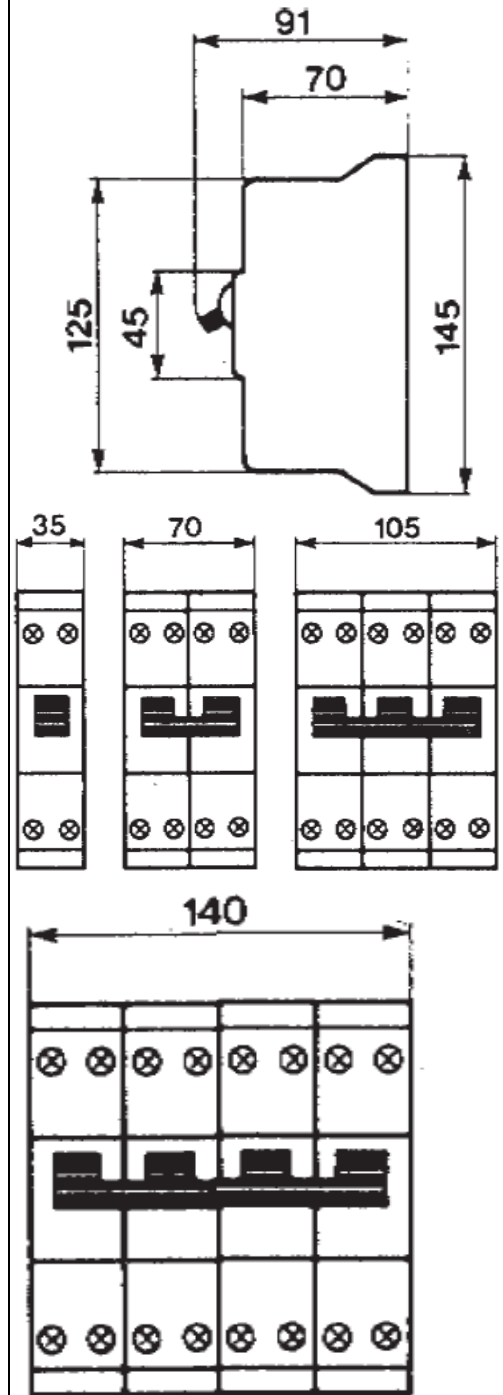
standards:	E DIN VDE 0645, DIN VDE 0660 Part 101		
No. of poles:	1, 2, 3, 4		
trip characteristics:	E, K		
rated current I_n/I_c :	16 ... 125 A (125A released soon)		
rated voltage U_n/U_g :	single-pole	230/400 V AC	
	multipole	400 V AC	
rated switching capacity I_{cn} :	25 kA, at 230/400 V~		
frequency:	50 ... 60 Hz		
insulation co-ordination:			
– overvoltage category	IV		
– pollution degree	3		
– surge withstand capability $U_{imp} (1.2/50)$	6 kV (at 2000 m)		
	test voltage	when new:	12.3 KV at N.N.
		when used:	9.8 KV at N.N.
– disconnection functionality	yes		
– power-frequency test voltage	2 kV (50/60 Hz) 1 min		
degree of protection (according to DIN VDE 0100):	IP 20, in the distribution board IP 40		
mounting position:	any		
fixing:	with accessories onto snap-on rails EN 50022, 35 mm or busbars, see pages 10/11.		
connection:	saddle terminals at top and bottom. Suitable for connecting single-, multi- and finely stranded conductors from 2.5 mm ² to 50 mm ² ; multi-stranded up to 70 mm ²		
storage temperature:	T_{max} : + 70 °C / + 158 °F, T_{min} : – 40 °C / – 40 °F		
ambient temperature:	T_{max} : + 55 °C / +131 °F, T_{min} : – 25 °C / – 13 °F		
shock resistance:	30 g, at least 3 impacts, shock duration 11 ms		
vibration resistance according to DIN IEC 68-2-6:	2 g, 20 frequency cycles 5 ... 150 ... 15 Hz		
position indication according to IEC 73:	OFF = green, ON = red		
weight:	see selection tables		

Tekniske Data

Trip characteristics



trip characteristic E 10 to E 100 (E 125)



trip characteristic	rated current	delayed thermal tripping			short-time delay selective tripping		
		non-tripping current	tripping current	tripping time	delayed tripping	short-time delay tripping	tripping time
E according to E DIN VDE 0645	10 to 100 A	$1.05 \times I_n$	I_2	$\geq 2 \text{ h}$	$5 \times I_n$	I_4	$0.05\text{s} < t < 5\text{s} (I_n \leq 32 \text{ A})$
			$1.2 \times I_n$	$< 2 \text{ h}$		$6.25 \times I_n$	$0.05\text{s} < t < 10\text{s} (I_n > 32 \text{ A})$ $0.01\text{s} < t < 0.3\text{s}$

Produsent

Navn

Adresse

Tlf.

Faks

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