

TYTAN[®] TH1

ELEKTRISCH / ELECTRICAL PROPERTIES

Standards		IEC/EN 60947-1, IEC/EN60947-3 IEC/EN 60269-1, IEC/EN60269-2-1 IEC/EN 60269-3-1 DIN VDE 0636, DIN 49522		
Polzahlen / Poles			3P, 3P+N	
Bemessungsbetriebsspannung	U_e	D0 (10x38)	400	VAC
Rated operational voltage		D0-Spezial	440	VAC
		10x38	500	VAC
Bemessungsbetriebsstrom	I_e	D0	63	A
Rated operational current		10x38	32	A
Bemessungsdauerstrom	I_u	D0	63	A
Rated uninterrupted current		10x38	32	A
Bedingter Bemessungskurzschlussstrom			50	kA _{eff}
Rated conditional short-circuit current				kA _{r.m.s.}
Bemessungskurzschlusseinschaltvermögen	I_{cm}		50	kA _{eff}
Rated short-circuit making capacity				kA _{r.m.s.}
Bemessungsstoßspannungsfestigkeit	U_{imp}		6	kV
Rated short-circuit making capacity				
Überspannungskategorie			IV	
Overvoltage category				
Kriechstromfestigkeit	CTI		600	
Comparative tracking index				
Gebrauchskategorie			AC 22B	
Utilization category				
Verlustleistung pro Strombahn ohne Sicherung	bei I_e		1,8	W
Power loss per current path without fuse-link	at I_e			
Max. zulässige Verlustleistung der Sicherung	P_n		5,5	W
Max. permissible power loss of fuse-links				

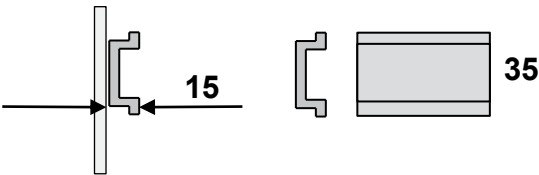
ÜBERWACHUNGSELEKTRONIK / MONITORING ELECTRONIC CIRCUIT

Standards		DIN EN 61000, IEC/EN 6100-4-2, IEC/EN 61000-4-3 IEC/EN 61000-4-4, IEC/EN 61000-4-5 IEC/EN 61000-4-6, IEC/EN 61000-4-11		
Bemessungsbetriebsspannungsbereich			60-500	VAC
Rated operational voltage range			60-250	VDC
Leistungsaufnahme	P_n	Betrieb / Operation	0,4	W
Power consumption		Störung / Fault	1,25	W

MECHANISCH / MECHANICAL PROPERTIES

Klemmen Terminal	Schraube Screw	Lifteklemmen Lift terminal	Pozidriv	antimagnetischer Edelstahl stainless steel antimagnetic	PZ2
	Anschlussquerschnitt Cross section		AWG	1,5-25 mm ²	
	Anzugsdrehmoment Tightening torque	M _n		4-16	3 Nm
Schutzart (hinter Frontplatte) Degree of protection (behind front plate)					IP 20 / IP 40
Temperaturbereich Temperature range	Umgebung / Ambient Lagerung / Storage		-25 bis +60 °C		
Brandklasse Flame class	nach UL 94 according to UL94		V0		

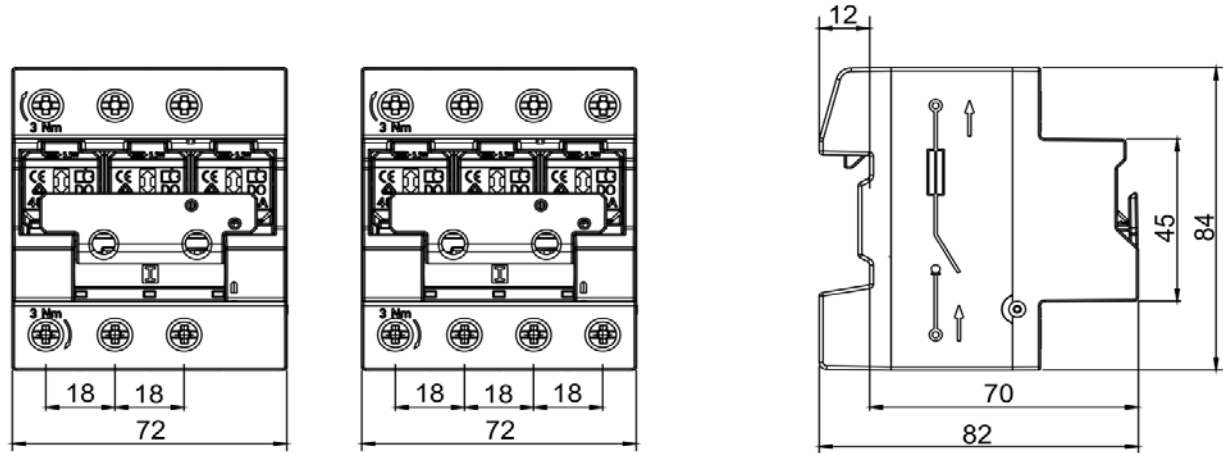
Für Hut-Schienen nach IEC/EN 60715 [mm]
For Hat rail according to IEC/EN 60715



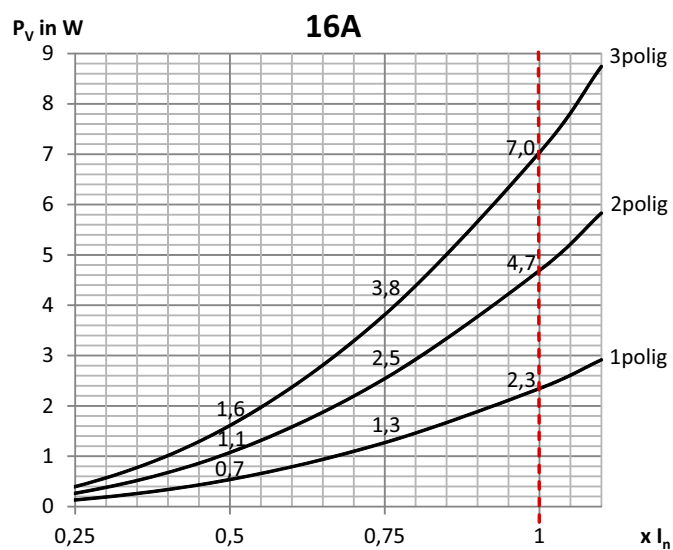
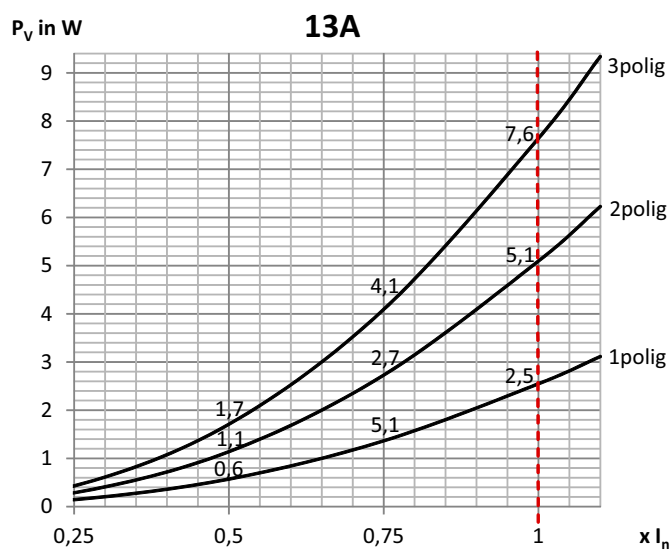
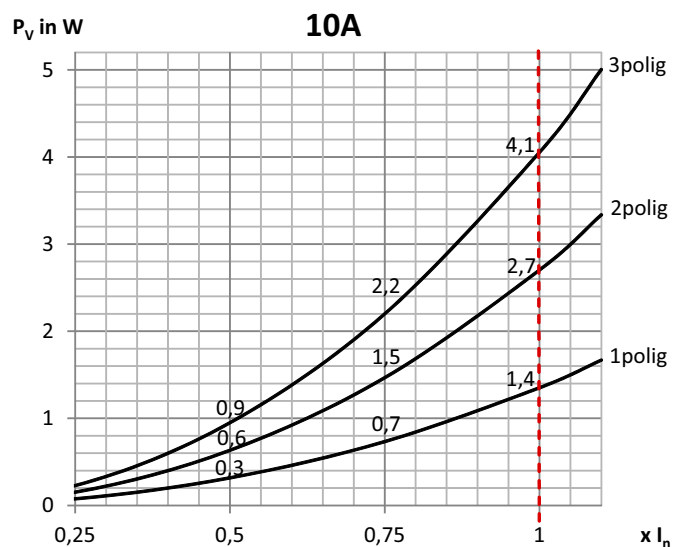
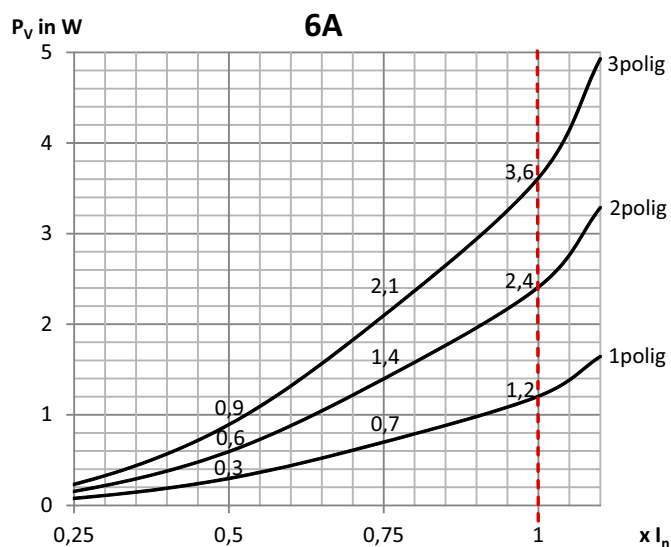
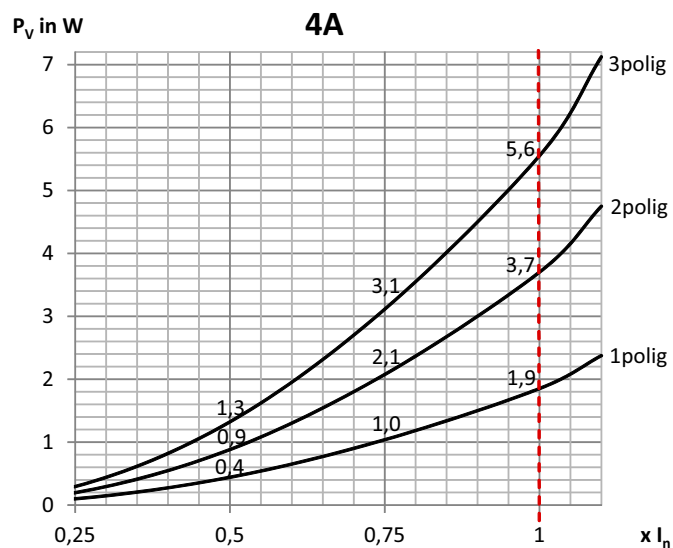
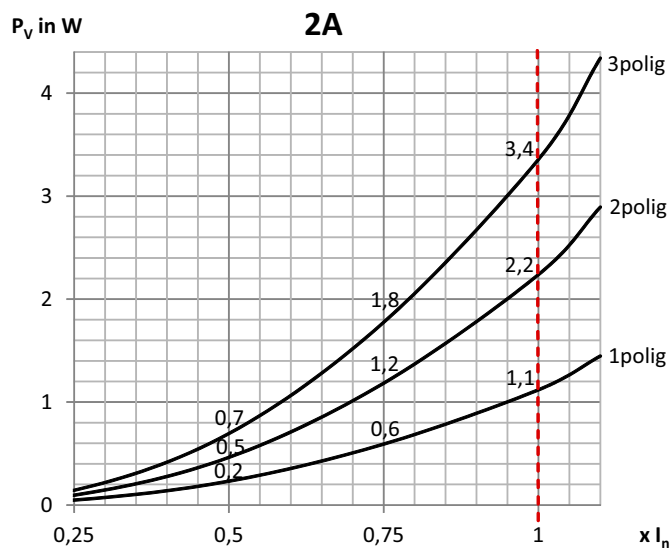
Abmessungen Dimensions	B x H x T W x H x D	3P 3P+N	72 x 84 x 82 mm 73 x 84 x 82 mm
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3P

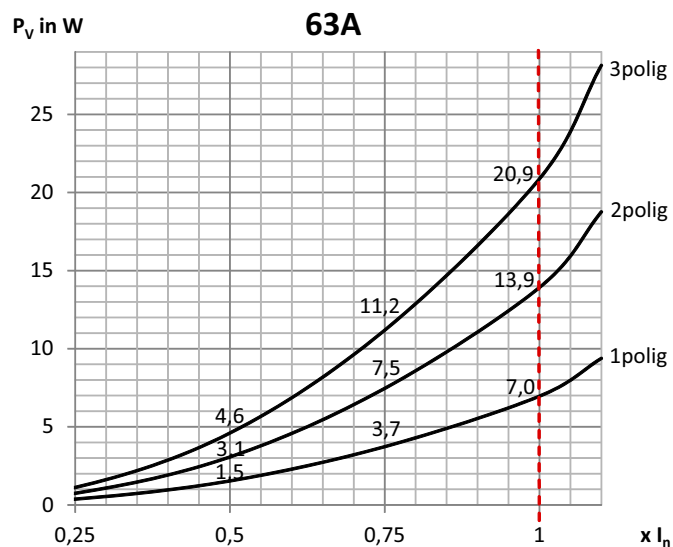
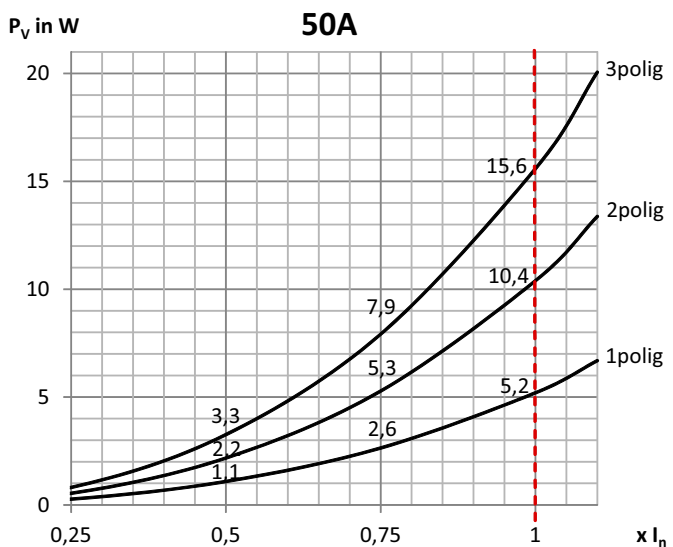
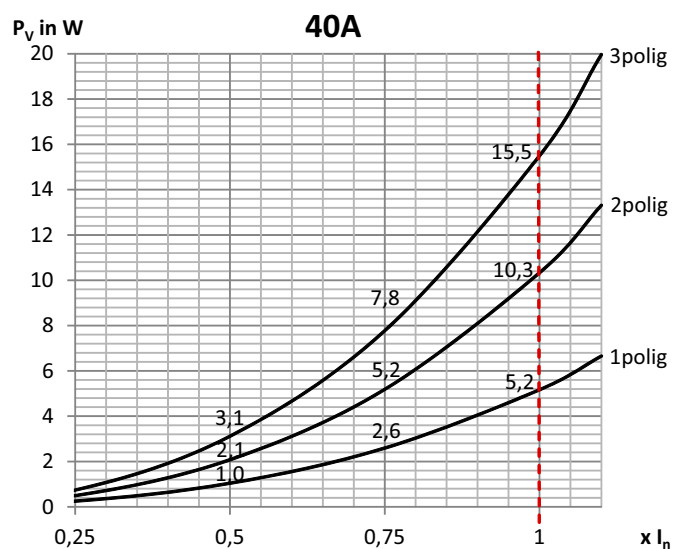
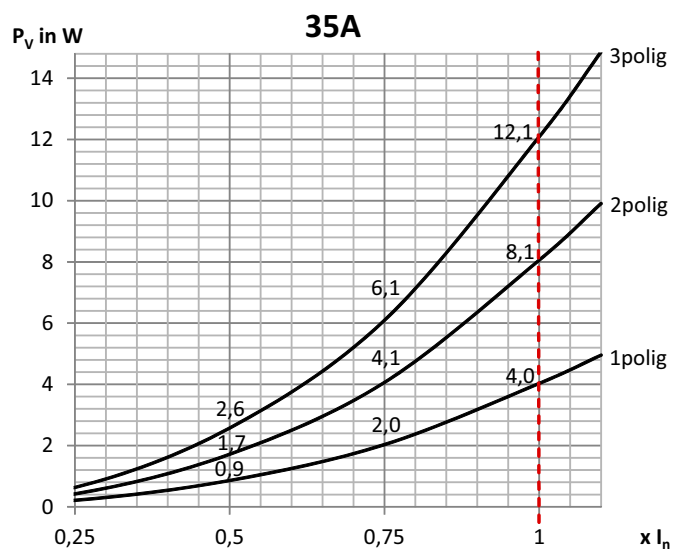
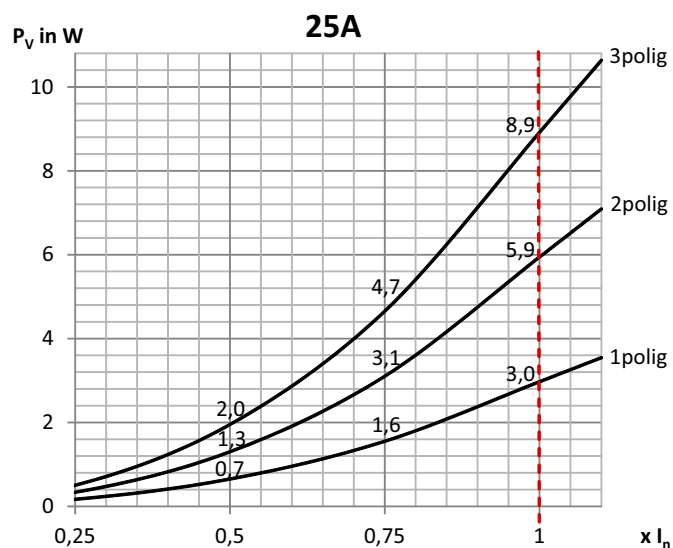
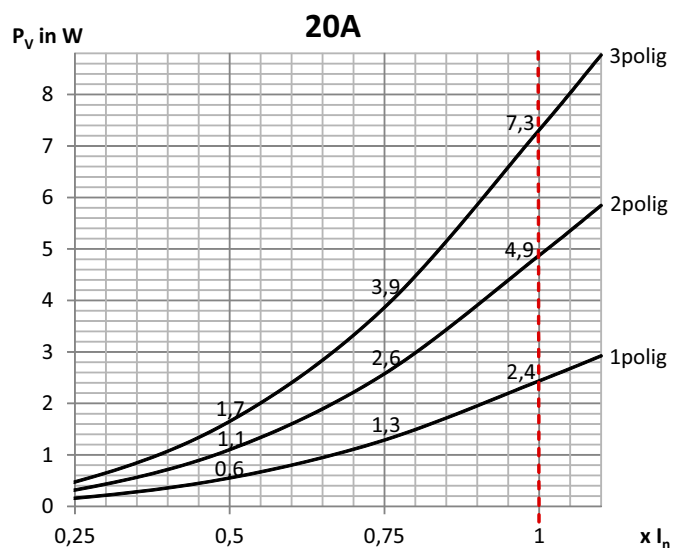
3P+N



Using D0I-fuses (2-I6A)



Using D02-fuses (20-63A)



Using D02-fuses (32A and N-Poles)

