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Vertical design fuse rails TRIVER / NH-Sicherungsleisten TRIVER

Range / Produktpalette

Type 415 fuse rails BTVA/BTVA-P, NH 1/2/3, 250/400/630 A, 185mm busbars spacing

415

Typ 415 NH-Sicherungsleisten, BTVA/BTVA-P, NH 1/2/3, 250/400/630 A, 185mm Sammelshienenabstand

Reference Artikelnummer	Type Typ	Current Nennstrom	Protection Schutz	Connections Anschluss	Fuse-link Sicherungseinsatz	Busbar spacing Sammelschienenabstand
415.11.10.XX.YY	BTVA	250 A	Without protection ohne Schutzabdeckung	Top / Bottom reversible Oben / Unten	NH-1	185mm
415.12.10.XX.YY		400 A			NH-2	
415.21.10.XX.02	BTVA-P	250 A	100mm protection mit Schutzabdeckung 100mm	Top / Bottom reversible Oben / Unten	NH-1	
415.22.10.XX.02		400 A			NH-2	
415.23.10.XX.02		630 A			NH-3	
415.31.10.XX.02	BTVA-P	250 A	120mm protection mit Schutzabdeckung 120mm	Top / Bottom reversible Oben / Unten	NH-1	
415.32.10.XX.02		400 A			NH-2	
415.33.10.XX.02		630 A			NH-3	



Terminals / Anschlüsse XX Code: page/Seite ???
Accessories / Zubehör YY Code: page/Seite ???

Technical Data / Technische Daten: page/Seite ???
Dimension drawings / Abmessungen: page/Seite ???

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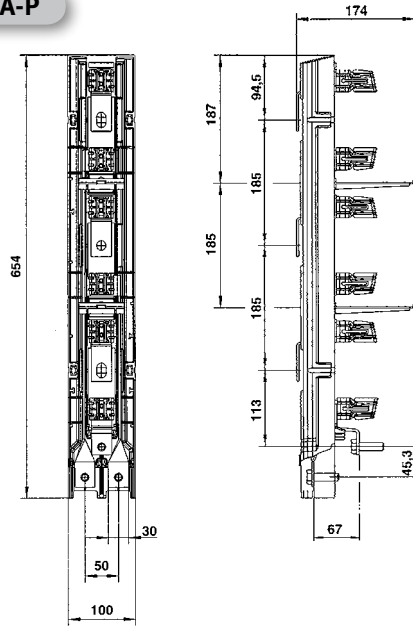
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Dimensions fuse rails BTVA/BTVA-P, NH 1/2/3, 250/400/630 A, 185mm busbars spacing

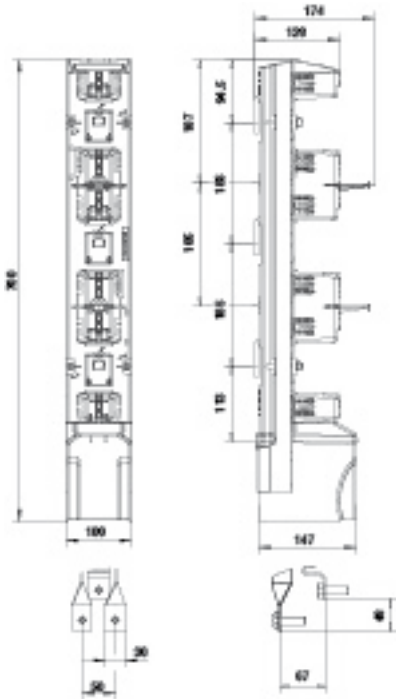
Abmessungen NH-Sicherungsleisten, BTVA/BTVA-P, NH 1/2/3, 250/400/630 A, 185mm Sammelschienenabstand

BTVA / BTVA-P



BTVA-P

Width / Breite 100mm

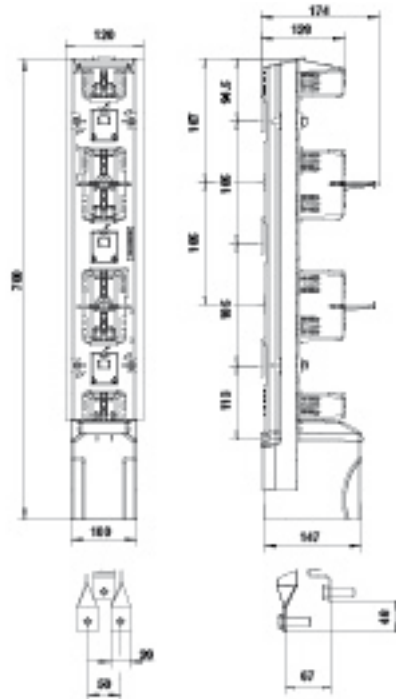


BTVA-P NH 1/2
BTVA-P NH 3

x=118 y=164
x=128 y=174

BTVA-P

Width / Breite 120mm



BTVA-P NH 1/2
BTVA-P NH 3

x=118 y=164
x=128 y=174

Technical data TRIVER LV fuse rails & fuse switches

Vertical design fuse rails NH-1/2/3
BTVA 250 / 400 / 630 A (fuse rails reference 415)

IEC / EN 60269		Type →	BTVA / BTVA-P Type 415					
			250 A		400 A		630 A	
Electrical characteristics	Rated operational voltage	U _e (V)	AC 500	AC 690	AC 500	AC 690	AC 500	AC 690
	Rated operational current	I _e (A)	250	200	400	315	630	500
	Conventional free air thermal current with fuses	I _{th} (A)	250	200	400	315	630	500
	Conventional free air thermal current with solid links	I _{th} (A)	320		510		800	
	Rated frequency	(Hz)	50					
	Rated conditional short-circuit current	(kA _{eff})	50					
	Test voltage	(kV)	3					
	Total power loss at I _{th} (without fuse)	P _v (W)	25	16	52	32	98	62
Mechanical characteristics	Weight	(kg)	3,110		3,610		4,380	
	Busbar distance	(mm)	185					
Fuse links	Size to IEC / EN 60269	--	1		2		3	
	Max. rated current (gL/gG)	I _n (A)	250	200	400	315	630	500
	Max. permis. power loss per fuse-link	P _v (W)	32		45		60	
Terminals	Bolt terminal	Diameter	--	M10/M12				
		Cable lug (S/DIN 46235)	(mm ²)	2x25-300				
		Torque	(Nm)	32				
	V-terminal	Terminal cross section	(mm ²)	50-300				
		Torque	(Nm)	25				
	Bimetallic terminal	Terminal cross section	(mm ²)	35-185				
Torque		(Nm)	32					
Protection level	Front operated switchgear fitted	--	IP20					
Operating Conditions	Ambient temperature	(°C)	-25 to +55 *(1)					
	Rated operating mode	--	continuous operation					
	Actuation	--	dependant manual operation					
	Mounting position	--	vertical / horizontal					
	Altitude	(m)	up to 2000					
	Pollution degree	--	3					
	Overvoltage category	--	IV					

*(1) 35°C normal temperature, at 55°C with reduced operating current