

High voltage panel box H2 with disconnecting and earthing device (TEE)



Item number: 50.0730



Avmz wagon (modernization)

Further device versions upon customer request

Technical data

TEE

Limiting switching capacity			
Break contact/ground contacts	250 kW/250 kW		
Number of break contacts	1		
Number of ground contacts	1, optional +2 or +4		
Rated switching voltage (U_{nom})	acc. to UIC 550		
Frequency f ;			
Thermal current I_{th}	U_{nom}	f	I_{th}
– break contact	1,000 V AC	16 2/3 HZ	150 A
	1,500 V AC	50 HZ	100 A
	1,500 V DC	–	100 A
	3,000 V DC	–	50 A
– ground contacts	5,000 V DC	–	50 A

Standards: EN 45545, EN 50121, EN 50306, EN 60068, EN 60077, EN 61373, EN 50155

Mechanical service life	about 10,000 switching cycles (min. 30 yrs.)	
Range of temperature	-40 °C to +85 °C	
Arc quenching	Arcing chamber, blowing for arc guidance by means of permanent magnet	
Insulation test voltage	14 kV	
Shock resistance	3 g 30 ms/0.35g at 20... 150 Hz	
Connectors	Break contact	M8
	Ground contact	M6
	PE contact	M6

H2

Mounting position	hanging (depending on customer request)	
Protection class	IP 55	
Dimensions	(width x height x depth) (500 x 500 x 500)	
Weight	about 70 kg	