



Wires: 2 x light blue  
primary thermoswitch 140 °C.

Wires: 2 x black  
secondary thermoswitch 80 °C.

Wires: 1 x brown; 1 x white—secondary toroid coil  
measuring voltage  $U_m = 150 \text{ mV/K A} \pm 1\%$   
at 1 k $\Omega$  ohmic resistance.

Earthing: If the earth connection will be disconnected, another suitable kind of protective measure is to be installed.  
The disconnected earth connection is to be insulated.

type:	primary voltage *	frequency	primary constant current	short circuit values @ 50Hz			thermal time constant	duty factor	code
	$U_{1N}$ [V]	$f$ [Hz]	$I_{1P}$ [A]	voltage $U_k$ [%]	power factor $\cos \varphi_k$	current $I_{2cc}$ [KA]	$T$ [s]	$X$ [%]	
ITF H 36-380/6.3	380	50/60	66.0 <sup>1)</sup>	8.9	0.86	45.0		20	
ITF H 36-400/6.3	400	50/60	62.5 <sup>1)</sup>	9.0	0.86	44.5		20	
ITF H 36-415/6.3	415	50/60	61.0 <sup>1)</sup>	9.0	0.88	44.0		20	
ITF H 36-440/6.3									
ITF H 36-500/6.3									
secondary voltage $U_{20}$ [V]		6.3	mass, m [Kg]	25		1) according to ISO 10656			
sec.nom.current $I_{2N}$ [KA] 50% ED		5.7 <sup>1)</sup>	quantity of cooling water: [l/min]		min. 4		Resistance Welding Transformer $S_n: 36$ <sup>1)</sup> kVA at 50% ED		
cont.sec.current $I_{2P}$ [KA] 100% ED		4.0 <sup>1)</sup>	pressure difference: [bar]		max. 0.6				
continious output $S_p$ [KVA] 100% ED		25.2 <sup>1)</sup>	colour RAL 5015 blue						
protection class		insulation class	Tel.: +44-1483-534 634			1998	name	date	issue 6
transformer	prim.terminal box		Fax: +44-1483-573 624			Drawn			
IP 65	IP 00		e-mail isomatic @ isomatic.com. www.isomatic.com.			Checked			

\* Other primary voltages available on request.

