



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 kΩ 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 $I_{1P}$ [A]	short circuit values @ 50Hz			thermal time constant T [s]	duty factor X [%]	code
	$U_{1N}$ [V]	f [Hz]		voltage $U_k$ [%]	power factor $\cos \varphi_k$	current $I_{2cc}$ [KA]			
ITF J 76-380/10.0	380	50/60	141 <sup>1)</sup>	8.85	0.89	61.4			
ITF J 76-400/10.0	400	50/60	134 <sup>1)</sup>	9.0	0.89	61			
ITF J 76-415/10.0	415	50/60	129 <sup>1)</sup>	8.7	0.91	63			
ITF J 76-440/10.0									
ITF J 76-500/10.0									
secondary voltage $U_{20}$ [V]		10.0	mass, m [Kg]	40		1) according to ISO 10656			
sec.nom.current $I_{2N}$ [KA] 50% ED		7.6 <sup>1)</sup>	quantity of cooling water: [l/min]		min. 4		Resistance Welding Transformer $S_n: 76^{1)}$ kVA at 50% ED		
cont.sec.current $I_{2P}$ [KA] 100% ED		5.4 <sup>1)</sup>	pressure difference: [bar]		max. 0.6				
continious output $S_p$ [KVA] 100% ED		53.7 <sup>1)</sup>	colour RAL 1004 yellow						
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.

