

## EMF DATASHEET FOR ARC WELDING POWER SOURCE

### EQUIPMENT INFORMATION

Manufacturer	Fronius
Model	TransSteel 3500c 4R/FSC Syn; TransSteel 3500c 4R/F++ Syn; TransSteel 3500c 4R/FSC Syn nc; TransSteel 3500c 4R/E Syn nc; TransSteel 3500c 4R/F++ Syn nc; TransSteel 3500c 4R/FSC Syn nc; TransSteel 3500c 4R/E Syn nc; TransSteel 3500c 4R/TW Syn nc; TransSteel 3500c 4R/E Syn; TransSteel 3000c PULSE /FSC; Trans Steel 3000c PULSE FSC/nc
Model Number	4,075,165; 4,075,165,000; 4,075,165,637; 4,075,165,638; 4,075,165,639; 4,075,165,800; 4,075,165,801; 4,075,165,808; 4,075,165,001; 4,075,227; 4,075,227,800
Intended use	<input checked="" type="checkbox"/> occupational <input type="checkbox"/> by laymen

### BASIC INFORMATION

Applied Regulations	Directive 2014/35/EU
Referenced Limits	Directive 2013/35/EU, Recommendation 1999/519/EC
Applied Standards	EN 62822-1:2016, EN 62822-2:2016

Non-thermal effects need to be considered for the workplace assessment  yes  no  
 Thermal effects need to be considered for the workplace assessment  yes  no

- Data based on maximum power source capability
- Data based on worst case setting/program
- Data based on multiple settings / programs

### COMPLIANCE SUMMARY

Compliance with ELVs for health effects at standardized configurations	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Compliance with ELVs for sensory effects at standardized configurations	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
All values below the Action Levels at the standardized configurations	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

### NON-THERMAL EFFECTS

	HEAD		TRUNK	LIMB HAND	LIMB THIGH
	SENSORY EFFECTS	HEALTH EFFECTS			
Standardized distance	10.00 cm	10.00 cm	10.00 cm	3.00 cm	3.00 cm
EI at standardized distance	0.30	0.28	0.46	0.26	0.60
Required minimum distance	2.00 cm	1.00 cm	3.00 cm	1.00 cm	1.00 cm

Distance where all EI's fall below 20%: 35.00 cm

Distance where compliance with general public limits is reached: 3.00 m