

EMF DATASHEET FOR ARC WELDING POWER SOURCE

EQUIPMENT INFORMATION

Manufacturer Fronius

Model TPS 500i PULSE; TPS 500i PULSE /nc; TPS 500i PULSE /MV/nc; TPS 500i PULSE /600V/nc

Model Number 4,075,180; 4,075,180,800; 4,075,180,830; 4,075,180,970

Intended use ⊠ occupational □ 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 \square yes \square no Thermal effects need to be considered for the workplace assessment \square yes \square no

\boxtimes	Data based	on maximum	nower	enurce d	anahility
\triangle	Data baseu	OII IIIaxiiiiuiii	power	Source (apability

□ Data based on worst case setting/program

□ Data based on multiple settings / programs

COMPLIANCE SUMMARY

Compliance with ELVs for health effects at standardized configurations \boxtimes yes \square no Compliance with ELVs for sensory effects at standardized configurations \boxtimes yes \square no All values below the Action Levels at the standardized configurations \square yes \boxtimes no

NON-THERMAL EFFECTS

	HEAD		TRUNK	LIMB HAND	LIMB THIGH
	SENSORY EFFECTS	HEALTH EFFECTS	TRONK	LIMBTIAND	LIMB THIOH
Standardized distance	10.00 cm	10.00 cm	10.00 cm	3.00 cm	3.00 cm
El at standardized distance	0.44	0.39	0.64	0.36	0.83
Required minimum distance	3.00 cm	3.00 cm	5.00 cm	1.00 cm	3.00 cm

Distance where all EIs fall below 20:% 50.30 cm
Distance where compliance with general public limits is reached: 5.00 m