

**CONTROL/ISOLATING MONOPHASE TRANSFORMER**

CODE	OMX02204001366
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NORM	EN 61558-1 EN 61558-2-2 EN 61558-2-4 UL 5085 CSA C22.2 N°66
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**TRANSFORMERS GENERAL FEATURES**

TYPE	: associated, not short-circuit resistant by construction
MOBILITY	: fixed
COOLING	: air/natural
PROTECTION CLASS	: I
INSULATION CLASS	: F
TEMPERATURE CLASS	: F
MAX AMBIENT TEMPERATURE	: +40 °C
PHASES	: 1
INDEX PROTECTION TRANSFORMER	: IP 00 / OPEN CORE
CONNECTION INDEX PROTECTION	: IP 20
TIME OF OPERATION	: continuous
FREQUENCY	: 50/60 Hz
WINDINGS WITH	: Copper wire
CORE	: Lamination Steel low losses (1,5W/Kg)
EXECUTION	: vacuum-pressure tropicalized
DIELECTRIC STRENGTH	: 4 KV
ELECTROSTATI SHIELD	: NO
SHORT CIRCUIT INPUT VOLTAGE	: 12 %
DROP OF VOLTAGE	: 9% ( 26,16V with no load )
NOMINAL OUTPUT CURRENT	: 0,41/1,25A
INRUSH CURRENT	: 15 x In
LOSS AT NO LOAD	: 2,5Watt
LOSS WITH LOAD	: 5,4Watt
TERMINAL DISPOSITION	: 2 Side
TYPE OF TERMINALS	: Screw type

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### ELECTRICAL FEATURES

WINDING	TENSION V	POWER VA
<b>PRIMARY</b>	<b>400/440/460</b>	<b>40</b>
<b>SECONDARY 1</b>	<b>24</b>	<b>10</b>
<b>SECONDARY 2</b>	<b>24</b>	<b>30</b>

**Two separated Secondary windings**

### DIMENSIONAL FEATURES

WIDTH mm	DEPTH mm	HEIGHT mm	WEIGHT kg
<b>68</b>	<b>65</b>	<b>75</b>	<b>1,1</b>

DIMENSIONS INDICATED ABOVE ARE MAXIMUM FOR TRANSFORMER

TRANSFORMERS OMX SERIES ARE TESTED BY UL WITH cURus MARK (FILE E160795)

PLEASE COMMUNICATE ANY CHANGES , IF REQUIRED, BEFORE ORDER