

Current transformer - PACT MCR-V1-21-44- 75-5A-1 - 2277611

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Bus-bar current transformer, 75 A AC primary current; 5 A AC secondary current; accuracy class 1; 2.5 VA rated power



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	200.0 g
Custom tariff number	85043129
Country of origin	Germany

Technical data

Dimensions

Primary round conductor (diameter)	21 mm
Width	30 mm
Height	66 mm
Depth	44 mm
Width with alternative assembly	44 mm
Height with alternative assembly	66 mm
Depth with alternative assembly	30 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 40 °C
Ambient temperature (storage/transport)	-25 °C ... 40 °C

Input data

Thermal rated short-time current	$I_{th} = 60 * I_n$
Thermal rated continuous current	$I_d = 1.2 * I_n$
Rated surge current	$I_{dyn} = 2.5 * I_{th}$
Rated frequency: Standard converter	50 Hz ... 60 Hz

Current transformer - PACT MCR-V1-21-44- 75-5A-1 - 2277611

Technical data

Input data

Rated frequency: Calibrated converter	50 Hz
Surge current limitation factor	FS 5
Rated power	2.5 VA
Primary rated current I_{pn}	0 A ... 75 A
Secondary rated current I_{sn}	1 A AC (depends on type)
	5 A AC (depends on type)

General

Converter type	Tube rod converter
Accuracy class	0.2 (depends on type)
	0.5 (depends on type)
	1 (depends on type)
	0.2S (depends on type)
	0.5S (depends on type)
Can be calibrated	no
Rated insulation voltage	1 kV (Phase/neutral conductor)
Standards/regulations	EN 50178
	EN 61869
Color	black
Housing material	WELLAMID 6600-PA66-GV 20 HWV0CP

Standards and Regulations

Standards/regulations	EN 50178
	EN 61869

Classifications

eCl@ss

eCl@ss 4.0	27210902
eCl@ss 4.1	27210902
eCl@ss 5.0	27210902
eCl@ss 5.1	27210902
eCl@ss 6.0	27210902
eCl@ss 7.0	27210902
eCl@ss 8.0	27210902

ETIM

ETIM 2.0	EC001505
----------	----------

Current transformer - PACT MCR-V1-21-44- 75-5A-1 - 2277611

Classifications

ETIM

ETIM 3.0	EC001505
ETIM 4.0	EC002048
ETIM 5.0	EC002048

UNSPSC

UNSPSC 6.01	30211501
UNSPSC 7.0901	39121019
UNSPSC 11	39121006
UNSPSC 12.01	39121006
UNSPSC 13.2	39121006

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Current transformer - PACT MCR-V1-21-44- 75-5A-1 - 2277611

Dimensional drawing

