

# ACT20M Expansion

## Power rail option saves installation time

No jumpers needed

## Temperature and voltage/current

For thermocouples, RTDs and bipolar D.C.

## Choice of isolation / conversion

Including low-cost non-isolating models

## Wide temperature input range

Easy to set, with DIP switches

## Global approvals

Available with cULus and Div 2 / Zone 2 approvals



### Weidmüller, Inc

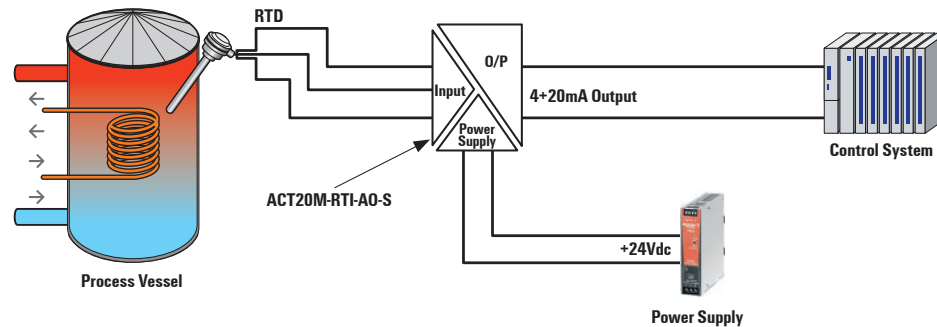
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## Competitive comparisons

Company	Phoenix Contact MINI MCR	Red Lion AIMA/IAMA/AFCM	Omron K3FP Series	WAGO Series 857
Screw / Tension	Screw / Tension	Screw	Screw	Tension
Power rail option	Yes	No	Yes	No
Approvals - Normal	cULus, CE, GL	cULus, CE, GL	UL 508	CE, cULus, GL (pending)
Approvals - Hazloc	Typ. FM Div2	Typ. FM Div2	None	Div 2
Ambient temperature	-20 to 60°C	-20 to 60°C	-20 to 65°C	-20 to 70°C (/50°C)
Isolation	1.5kV	1.5kV	1.5kV	2.5kV

## Typical application



## Ordering data

Description	Function	Channel	Power	Part Number
ACT20M-UI-AO-S	Universal input converter / isolator	1	Auxiliary	1176030000
ACT20M-CI-2CO-S	Current isolator / splitter	1	Auxiliary	1175990000
ACT20M-AI-2AO-S	Current or voltage isolator / splitter	1	Auxiliary	1176020000
ACT20M-AI-AO-S	Current or voltage isolator / converter	1	Auxiliary	1176000000
ACT20M-AI-AO-E-S	Economy current or voltage isolator / converter	1	Auxiliary	1176010000
ACT20M-CI-CO-ILP-S	Passive current isolator	1	Input Loop	1176070000
ACT20M-2CI-2CO-ILP-S	Passive current isolator	2	Input Loop	1176080000
ACT20M-CI-CO-OLP-S	Current isolator	1	Output Loop Powered	1176040000
ACT20M-2CI-2CO-OLP-S	Current isolator	2	Output Loop Powered	1176050000
ACT20M-CI-CO-S	Current isolator	1	Auxiliary	1175980000
ACT20M-BAI-AO-S	Bipolar current or voltage isolator / converter	1	Auxiliary	1375450000
ACT20M-BAI-2AO-S	Bipolar current or voltage isolator / splitter	1	Auxiliary	1375470000
ACT20M-TCI-AO-S	Thermocouple isolator / converter	1	Auxiliary	1375480000
ACT20M-RTI-AO-S	RTD isolator / converter	1	Auxiliary	1375510000
ACT20M-RTCI-CO-OLP-S	Thermocouple or RTD isolator / converter	1	Output Loop Powered	1435590000
ACT20M-RTI-CO-EOLP-S	RTD (non-isolating) converter	1	Output Loop Powered	1435610000
ACT20M-TCI-AO-E-S	Thermocouple (non-isolating) converter	1	Auxiliary	1375500000
ACT20M-RTI-AO-E-S	RTD (non-isolating) converter	1	Auxiliary	1375520000
ACT20-Feed-in-PRO-S	ACT20 Rail power feed / diode module			8965500000
ACT20-Feed-in-BASIC-S	ACT20 Rail power feed module			1282490000

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