

# Input Condition References

This subsection covers the following topics:

- References
- Possible References for Conditions
- Relative Values

## References

To check an input condition, you must know which reference is meant. References can result in time or run number intervals.

The simplest reference is RUN, which refers to conditions set in the current network run. However, if you define an external input condition (which is not produced by the current network), you should always remember that different networks usually have different run numbers, which implies that RUN makes no sense in this case.

Run numbers are **not** assigned sequentially in chronological order. For references to previous network runs use LNR.

## Possible References for Conditions

Ref.	Unit of Relative Value	Description
AAC		Job uses condition only if there is <b>at least one</b> entry in the active database for the owner, the network and the job.
ABS		Job uses condition only if it is <b>absolute</b> . Absolute conditions are independent of run numbers and can exist only once under the same name.
ANY		Job uses <b>any</b> occurrence of the condition, <b>except</b> ABS (absolute), which has a reserved run number.
ANT		Job uses condition only if there is <b>no</b> entry in the active database for this owner, network and job.
DAT	Days	Job uses the condition as set by network run on the <b>current</b> date.
Date		(in the format: YYYYMMDD) Job uses condition only if set on an <b>explicit</b> date. The job then uses the condition as set by the network run on this date (does not apply when job can run more than once daily).
DST		Job uses the condition as set during network run on the <b>Date of job starting time</b> .
DUM		If this condition is satisfied, the job is started as a temporary dummy job. If this condition is <b>not</b> satisfied, the job is started normally. If several conditions with the reference DUM are defined for a job, only one condition must be satisfied for the job to be executed as a dummy. The condition can have a special dependency (for example, on a file). The active condition will also be accepted, if it has the reference ABS (absolute). If a job is started as a temporary dummy job on account of a condition, then this will be written to the log.
HRC	Hours	Job uses the condition only if it was set a defined number of hours previous to the check time of the condition. This reference can only be entered with a relative hour value.

LNR	Hours	<ul style="list-style-type: none"> <li>● If the condition was set by <b>another network</b>: The job uses the condition, if it was set by the <b>most recent</b> run in the previous &lt;nnn&gt; hours.</li> <li>● If the condition was set by an earlier run of the <b>same network</b>: The job uses the condition, if it was set by an <b>earlier</b> run in the previous &lt;nnn&gt; hours.</li> <li>● The condition is <b>not set</b>, if an error occurred during the most recent () or earlier run ().</li> </ul> <p>This reference is recommended for constructing chains of networks and must be followed by a relative value (see Relative Values).</p>
LNT	Hours	This reference is used like LNR. Additionally, the condition is set to true if the creating job network did not have an active occurrence in the time frame to be observed.
MON	Months	Job uses the condition as set by network run of the current month.
PDA	Days	Job uses the condition only if set on the same production date. The production date end time can be defined in the <b>Entire Operations</b> Defaults.
PDS		Job uses the condition only if set on the same production date. The production date end time can be defined in the <b>Entire Operations</b> Defaults.
RUN	Run numbers	Job uses the condition as set by current network run (default).
WEK	Weeks	Job uses the condition as set by network run of the current week.
WCC	Days	Day in 'real time', relative to the current day.
WCW	Days	Day in calendar (work day), relative to the current day.
WCS	Days	Day ins schedule, relative to the current day.

With the exception of RUN, the described specifications also apply to global conditions.

## Relative Values

Some options can be followed by a minus sign (-) and a numeric offset. This is called a **relative value**. For example:

Option	Explanation
DAT-1	refers to yesterday
HRC-2	refers to the previous 2 hours
WEK-1	refers to the previous week.

## Defaults for Input Condition References

If the Reference field in the Master Input Condition Addition window is left **blank** at definition, the following defaults are inserted:

Default	Description
RUN	If the condition is from the same network.
HRC-24	If the condition is from a different network.